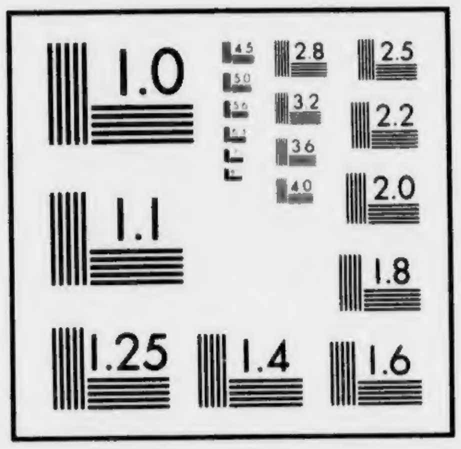
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA AND INFORMATION SERVICE

REDUCTION RATIO: 18X



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS
STANDARD REFERENCE MATERIAL 1010a
(ANSI and ISO TEST CHART No. 2)

National Climatic Data Center
Federal Building
Asheville, NC 28801

I certify that this is an official microform of the National Oceanic and Atmospheric Administration and is prepared from records received at the National Climatic Data Center, Asheville, NC 28801.

Kenneth D. Hadeen
Director, NCDC

NOAA Form 48 - 344
(Rev. 3 - 90)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

CONSTANT PRESSURE CHARTS

NOVEMBER, 1993

ALL AVAILABLE CHARTS FILMED

850 MB	NORTH AMERICAN	NMC
700 MB	NORTH AMERICAN	NMC
500 MB	NORTH AMERICAN	NMC
300 MB	NORTH AMERICAN	NMC
250 MB	NORTH AMERICAN	NMC
200 MB	NORTH AMERICAN	NMC
100 MB	NORTH AMERICAN	NMC
850 MB	NORTHERN HEMISPHERE	NWP
700 MB	NORTHERN HEMISPHERE	NWP
500 MB	NORTHERN HEMISPHERE	NWP
300 MB	NORTHERN HEMISPHERE	NWP
250 MB	NORTHERN HEMISPHERE	NWP
200 MB	NORTHERN HEMISPHERE	NWP
100 MB	STRATOSPHERIC	
70 MB	STRATOSPHERIC	
50 MB	STRATOSPHERIC	
30 MB	STRATOSPHERIC	
10 MB	STRATOSPHERIC	

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Serv
National Climatic Data Center

THE FOLLOWING CHARTS ARE NOT AVAILABLE:

CONSTANT PRESSURE CHARTS

NOVEMBER, 1993

NORTH AMERICAN

NORTHERN HEMISPHERE

850MB

04-00Z 06-00Z 13-00Z 22-12Z
25-12Z 29-00Z

700MB

04-00Z 06-00Z 13-00Z 22-12Z
25-12Z 29-00Z

500MB

04-00Z 06-00Z 13-00Z 22-12Z

300MB

02-12Z 04-00Z 06-00Z 13-00Z
22-12Z 25-12Z

250MB

04-00Z 06-00Z 13-00Z 22-12Z
25-12Z

200MB

04-00Z 06-00Z 13-00Z 18-00Z
22-12Z 25-12Z

STRATOSPHERE

100MB

12-12Z 13-12Z 27-12Z

70MB

NOT RECEIVED

50MB

12-12Z 13-12Z 27-12Z

30MB

12-12Z 13-12Z 27-12Z

10MB

12-12Z 13-12Z 27-12Z

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING

THIS ROLL CONTAINS
A NUMBER OF LIGHT/DARK
IMAGES DUE TO
SUBSTANDARD
ORIGINAL DOCUMENTS

BEST AVAILABLE RECORDS
FOR FILMING

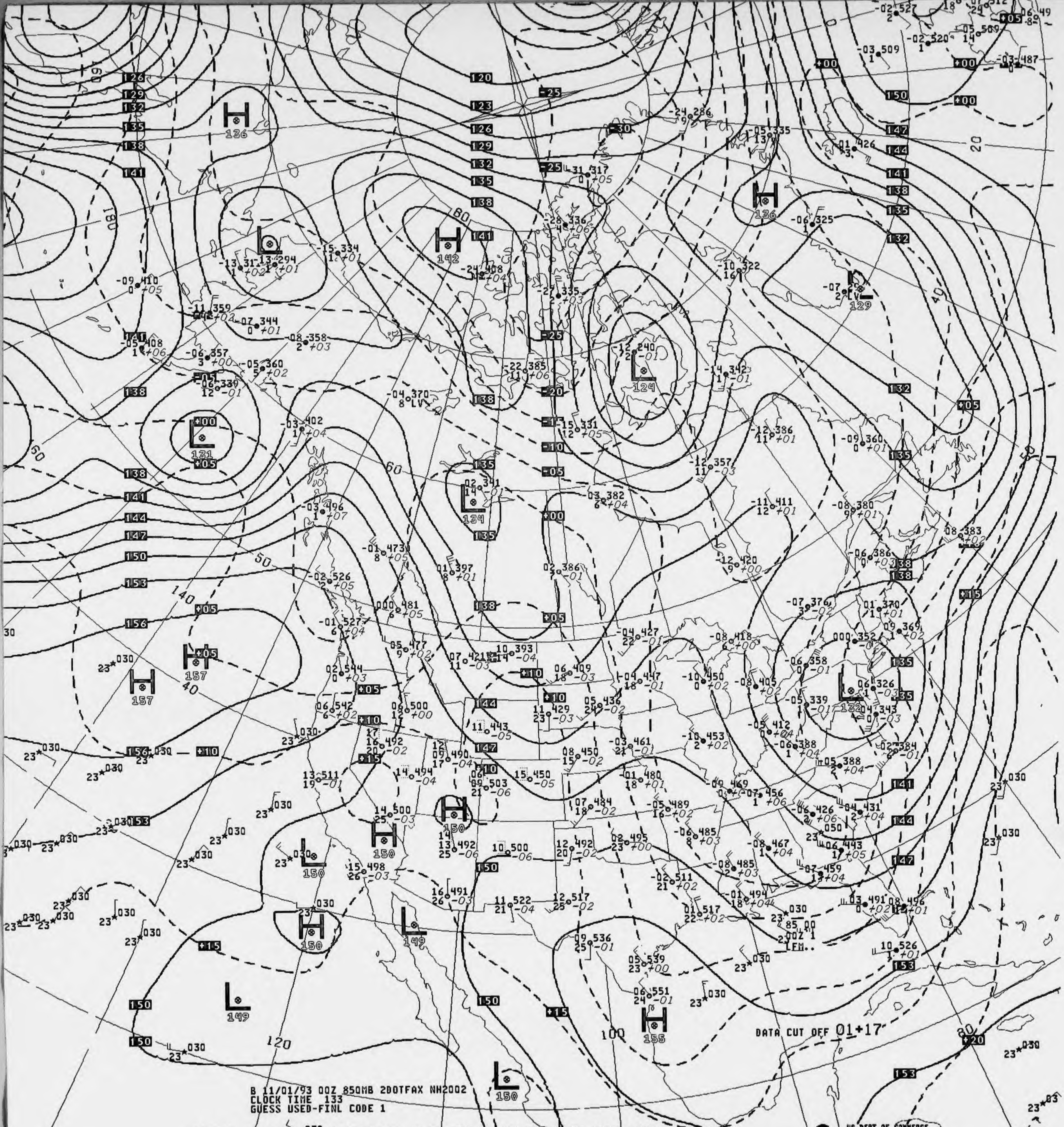
AA Form 48 - 360A
v. 8 - 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

850 MB CONSTANT PRESSURE CHARTS

NORTH AMERICAN NMC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING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L 131
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L 124
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H 157
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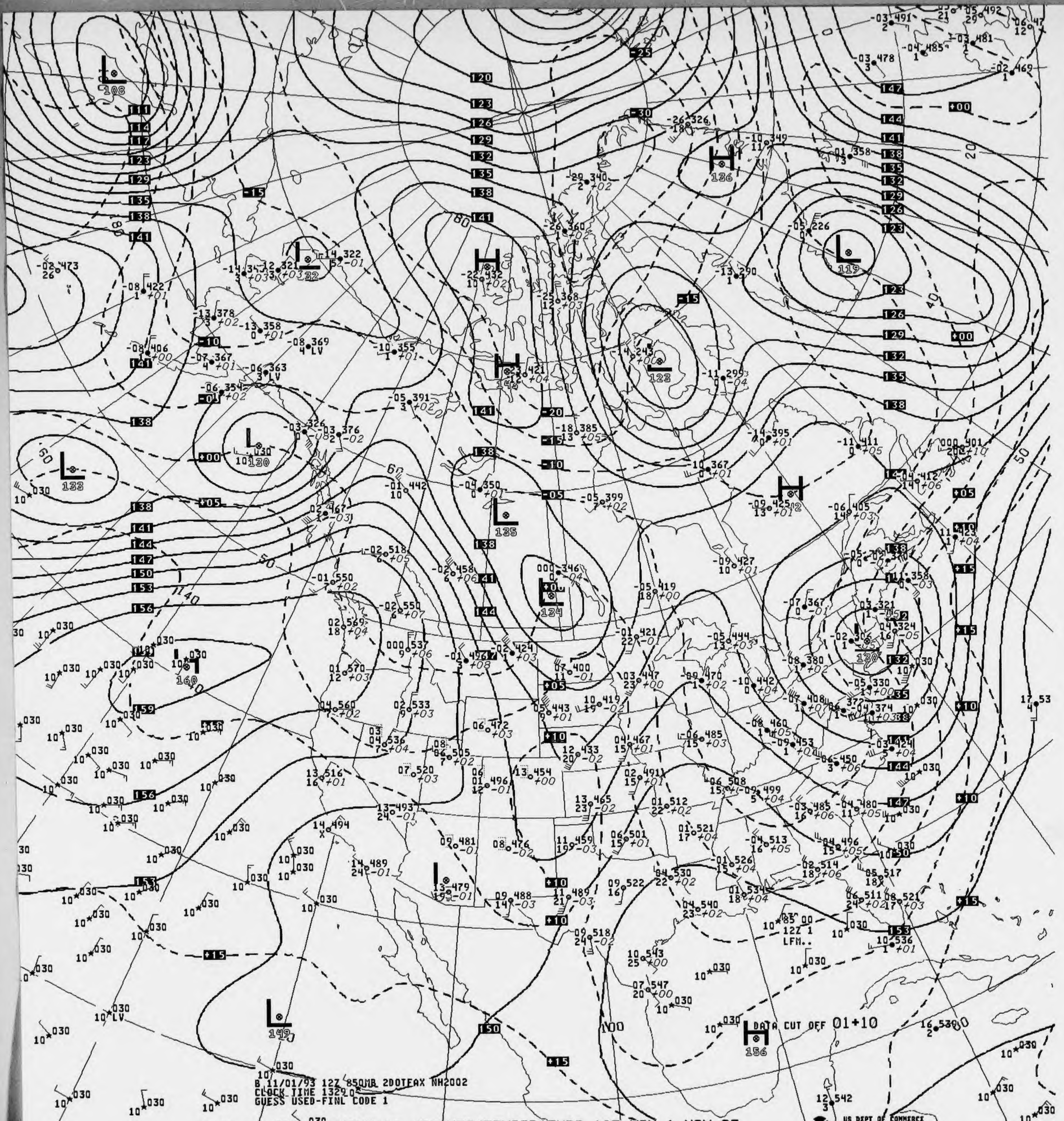
H 150
L 150
H 150
H 150
L 149
L 149
H 156
L 150
DATA CUT OFF 01+17
23*030
B 11/01/93 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 133
GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 1 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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L 119
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H 142
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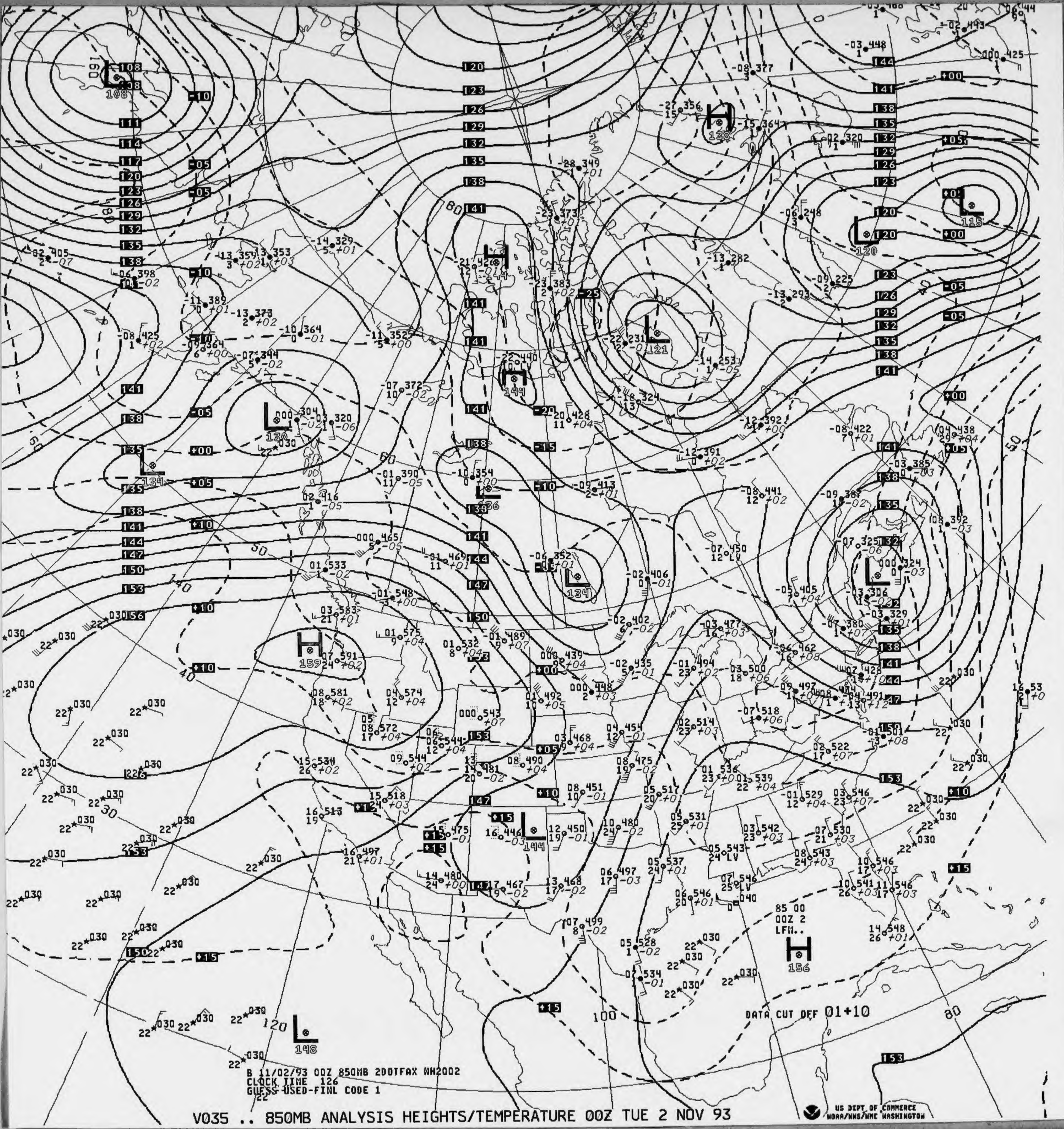
H 160
L 130
L 149
H 156
L 32
H 12Z 1 LFM..

B 11/01/93 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1329
GUESS USED-FINL CODE 1

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 1 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 2 NOV 93

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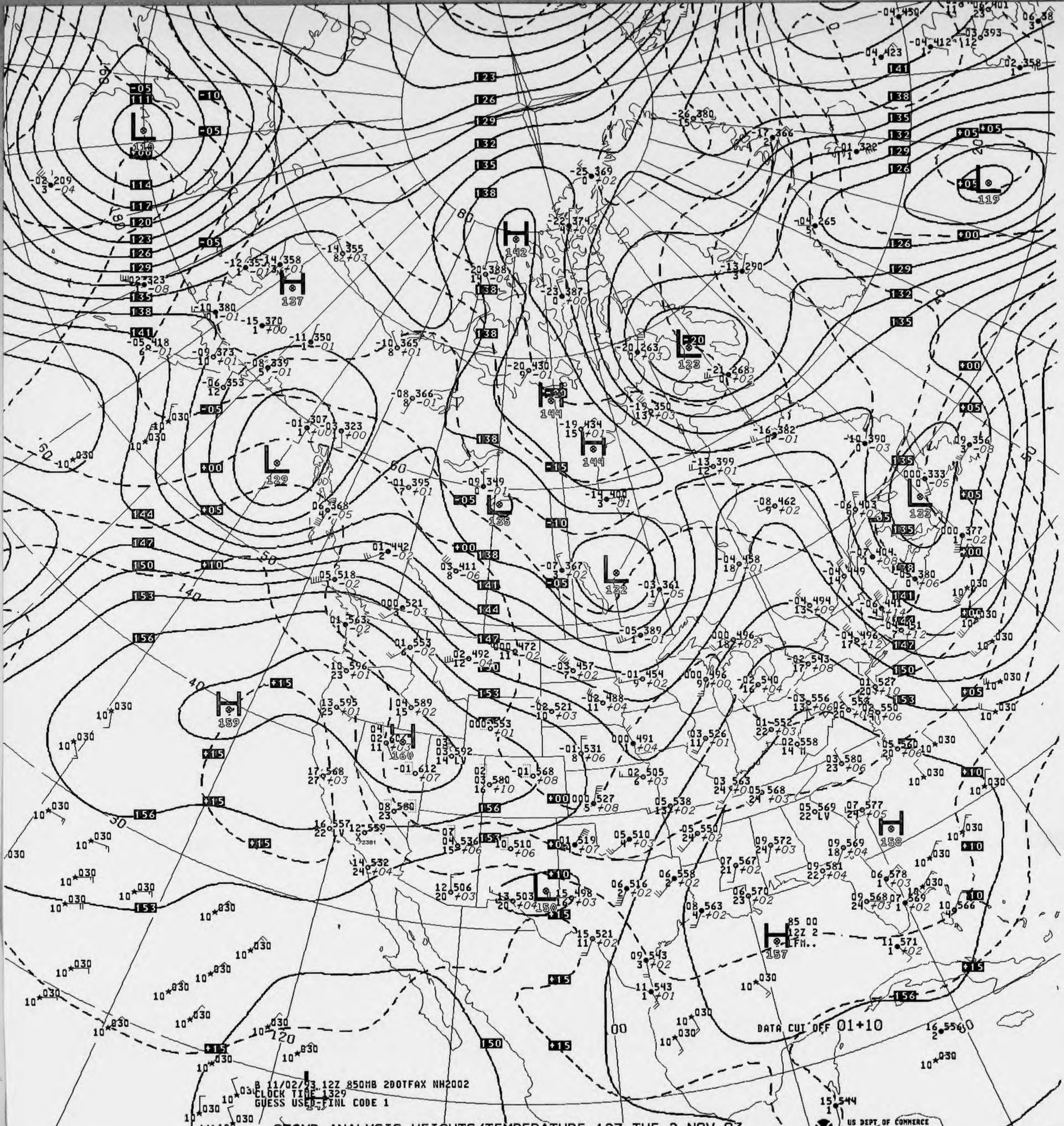
85 00
00Z 2
LFM..

DATA CUT OFF 01+10

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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LFM..
H
L
159
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157
158
150
142
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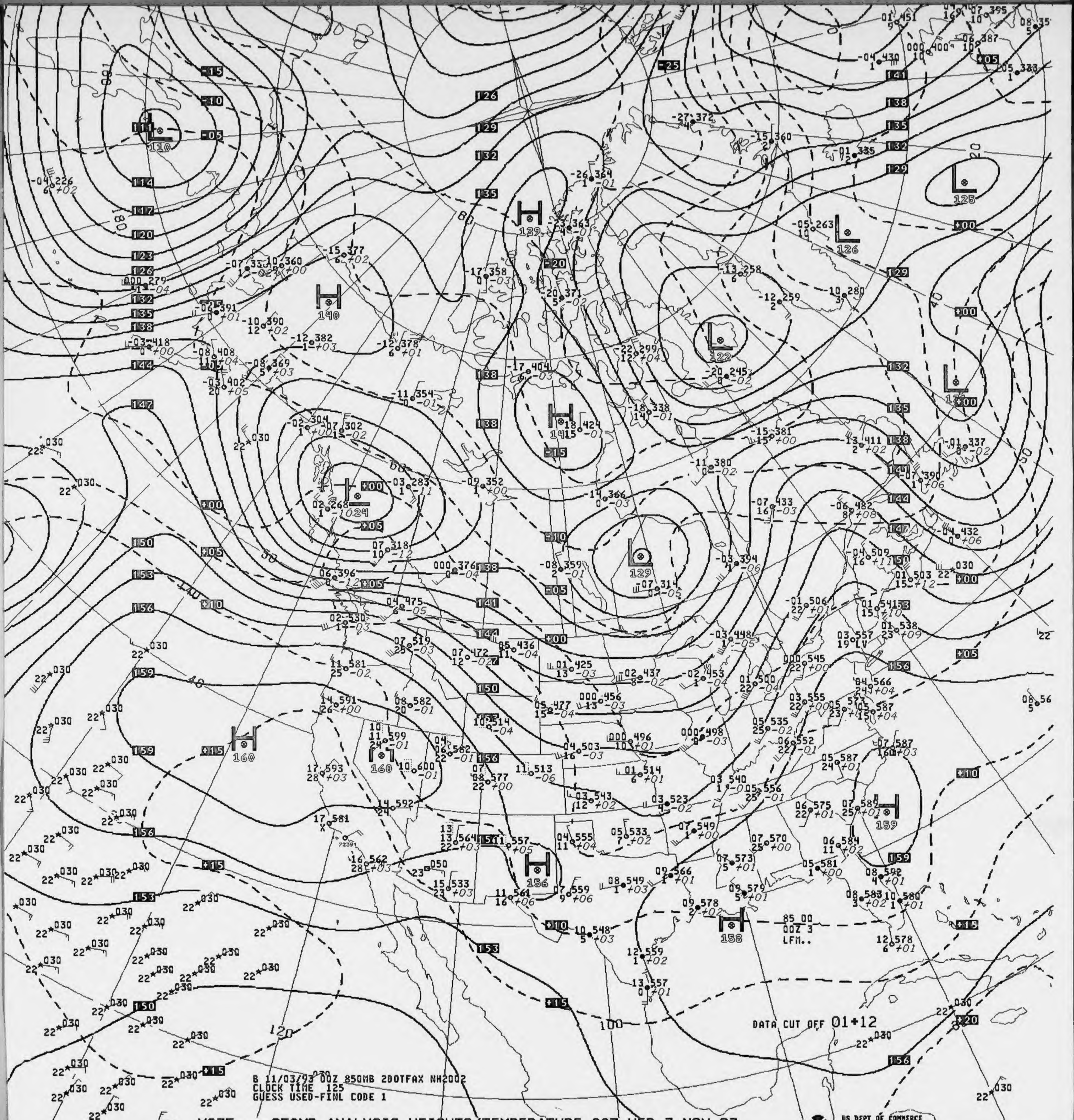
123
119
114
133
135

B 11/02/93 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1329
GUESS USED-FINL CODE 1

V405 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 2 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 11/03/93 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 125
GUESS USED-FINL CODE 1

DATA CUT OFF 01+12

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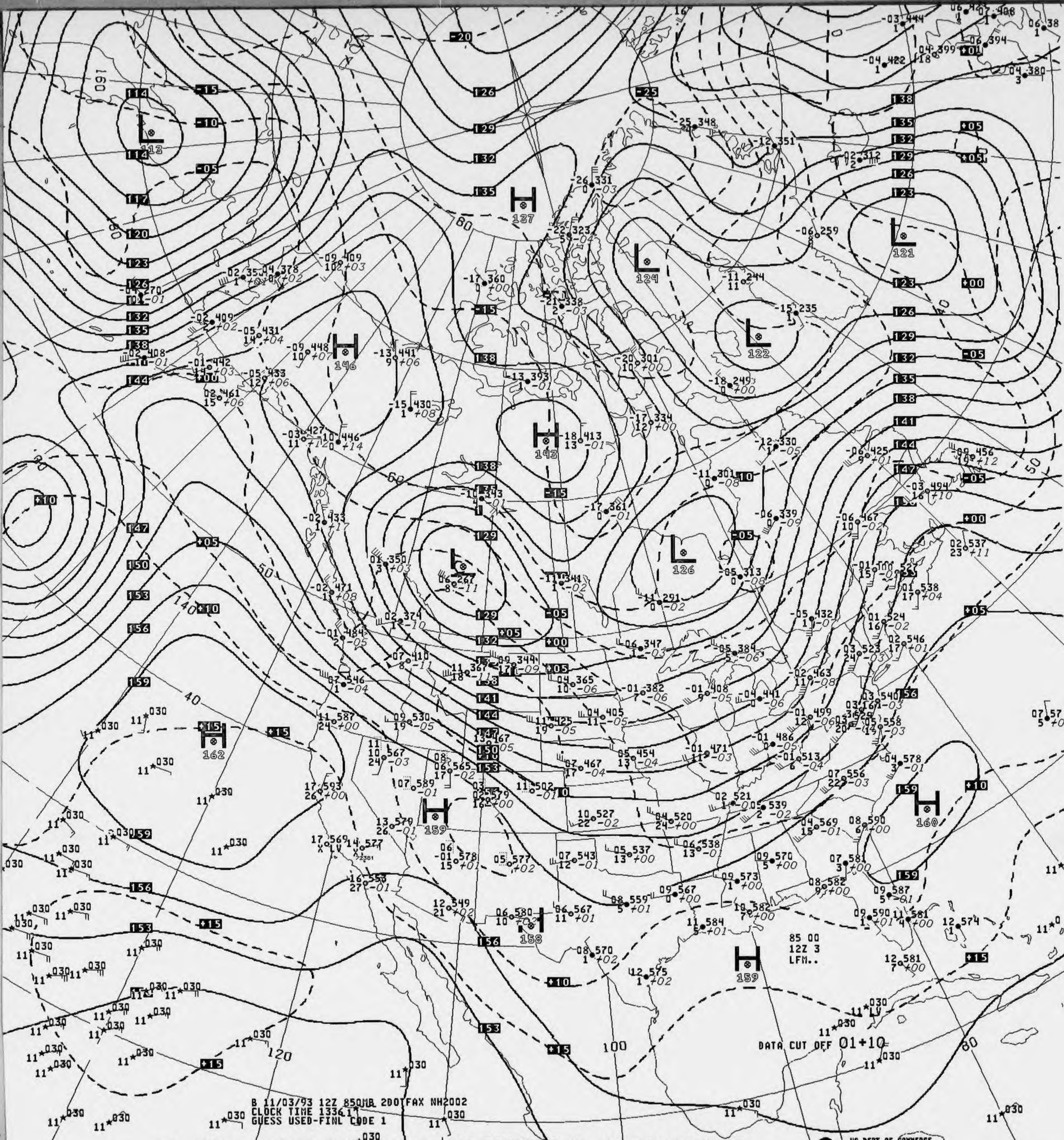
LFM..
H 140
H 139
H 141
H 160
H 160
H 156
H 158
H 159
L 110
L 122
L 126
L 125
L 129

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 3 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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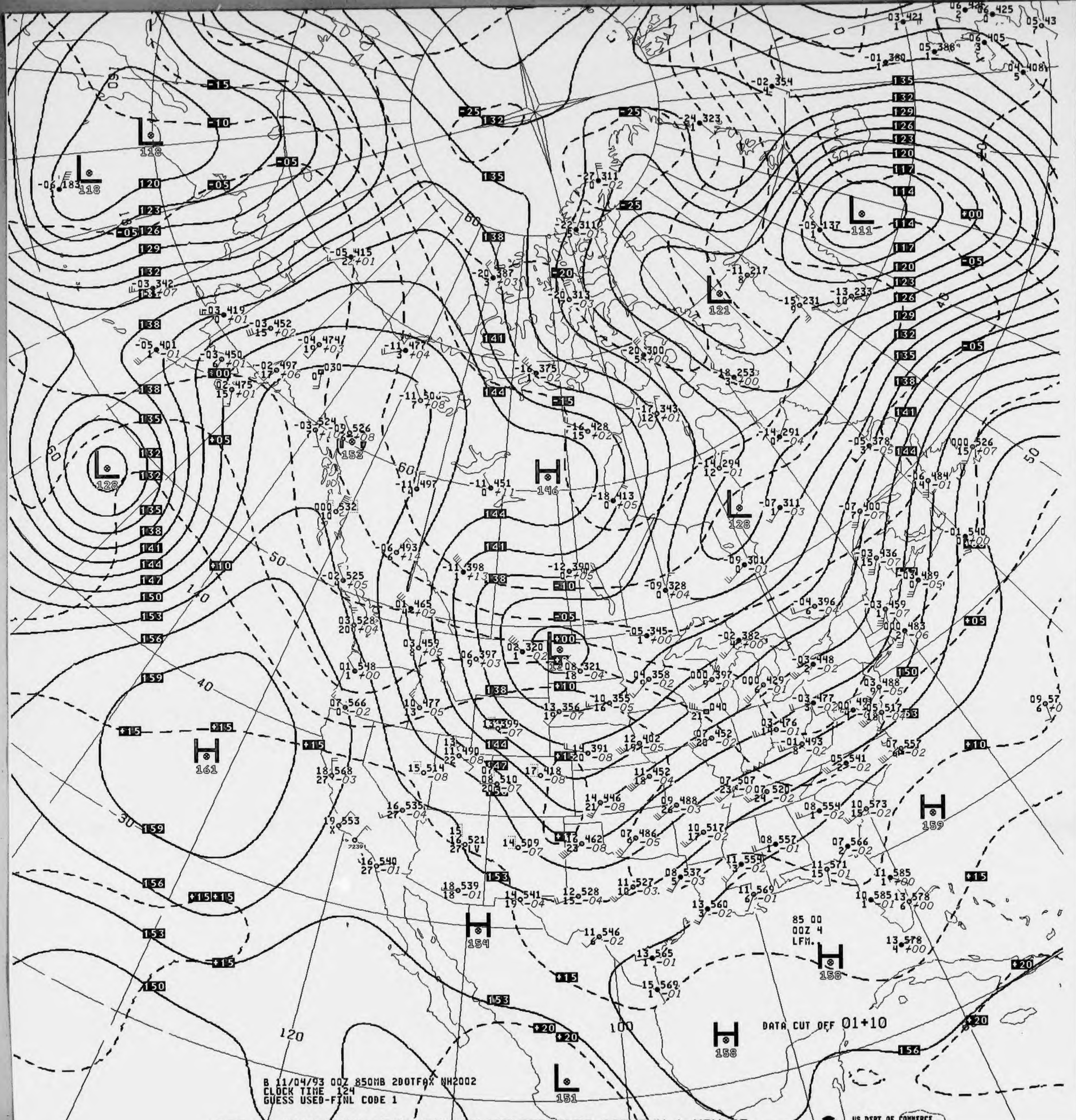
CLOCK TIME 1336
GUESS USED-FINL CODE 1

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 3 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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CLOCK TIME 124
GUESS USED-FINL CODE 1
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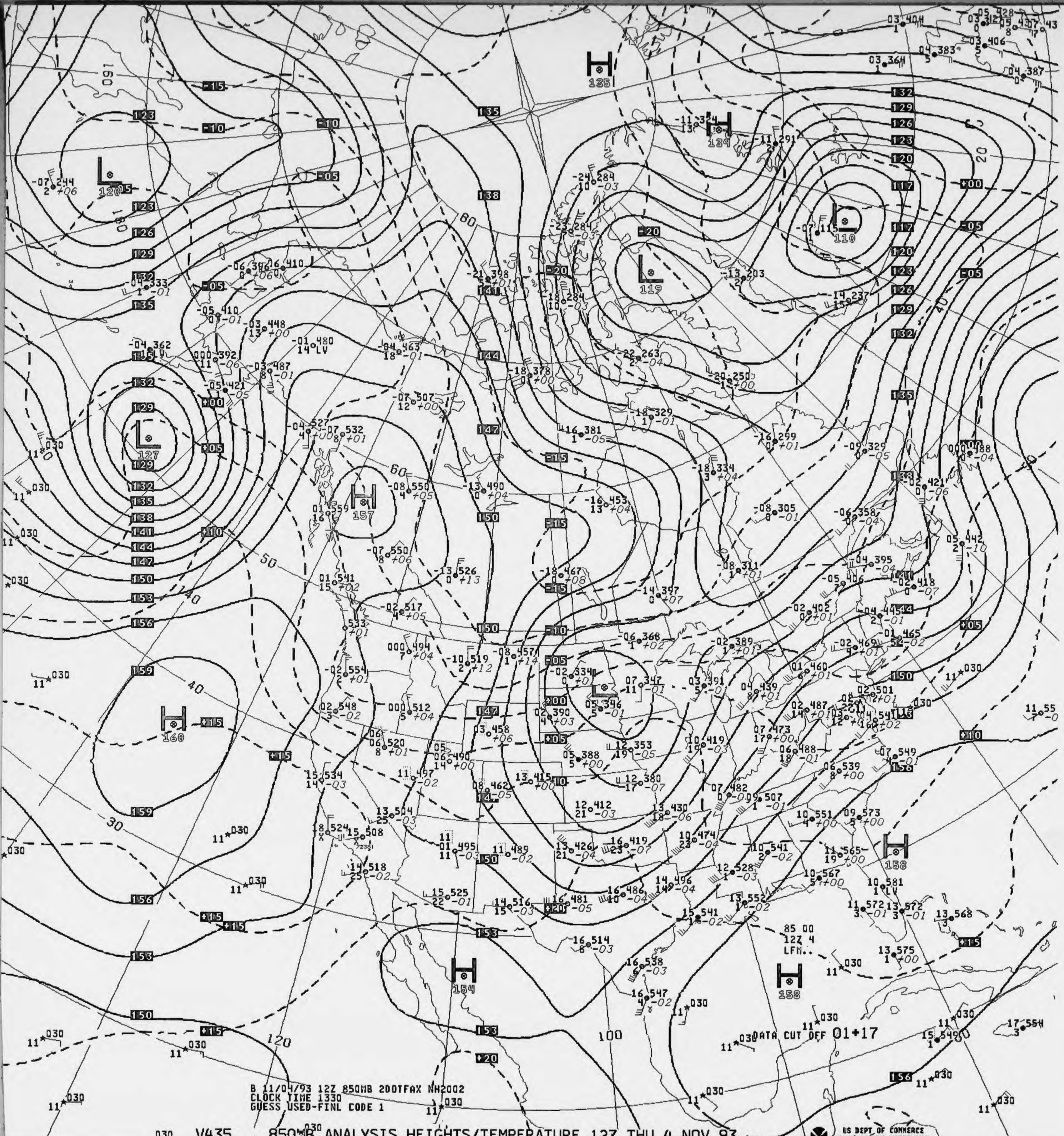
00Z 4
LFM.
H 161
H 154
H 158
H 158
H 159
H 146
H 152
L 118
L 118
L 128
L 111
L 121
L 128
L 151
L 12

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 4 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 135
H 134
L 120
L 127
L 119
L 110
H 157
H 160
H 154
H 158
H 158
85 00
12Z 4
LFM..
DATA CUT OFF 01+17
B 11/04/93 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1330
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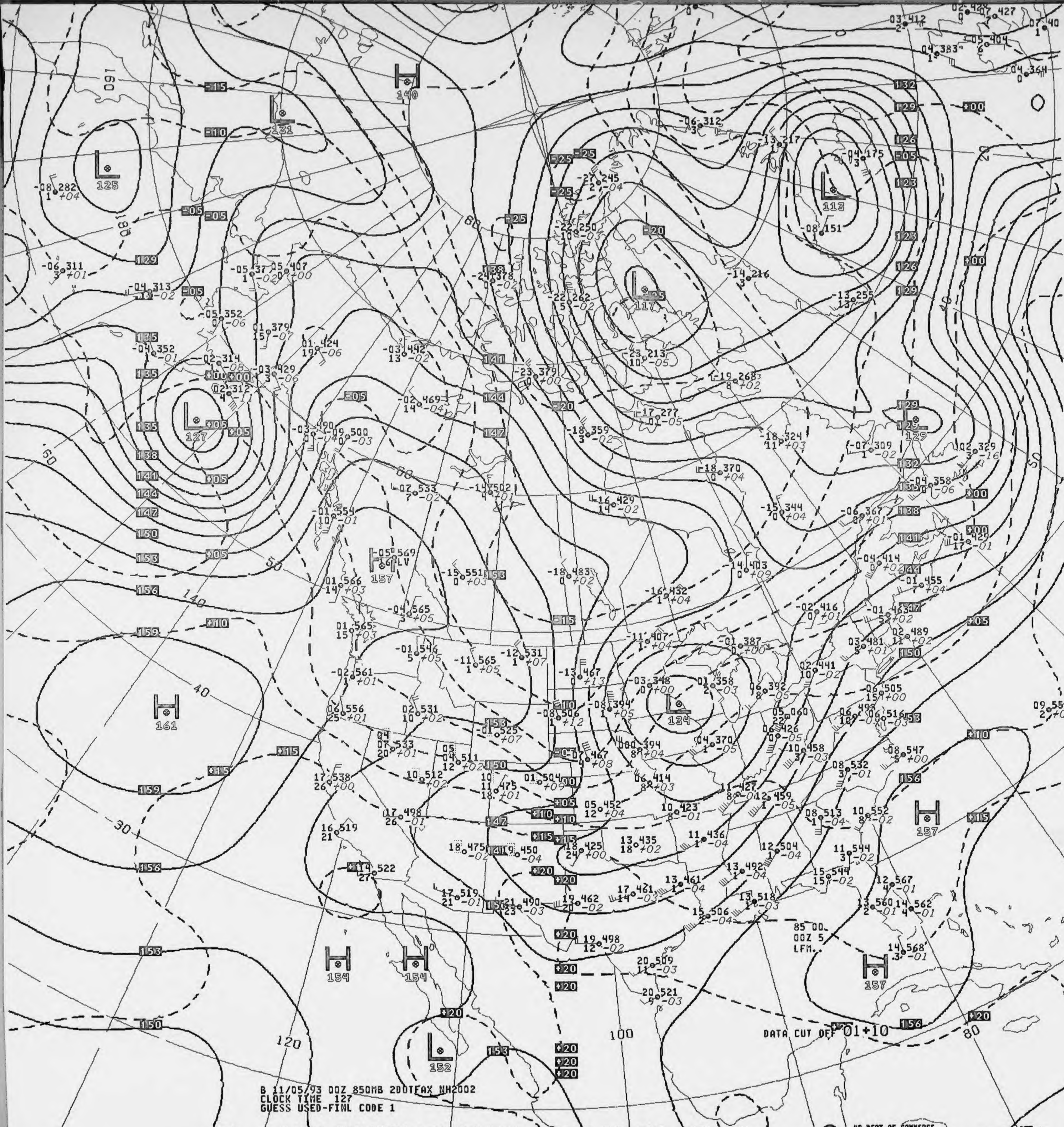
030 V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 4 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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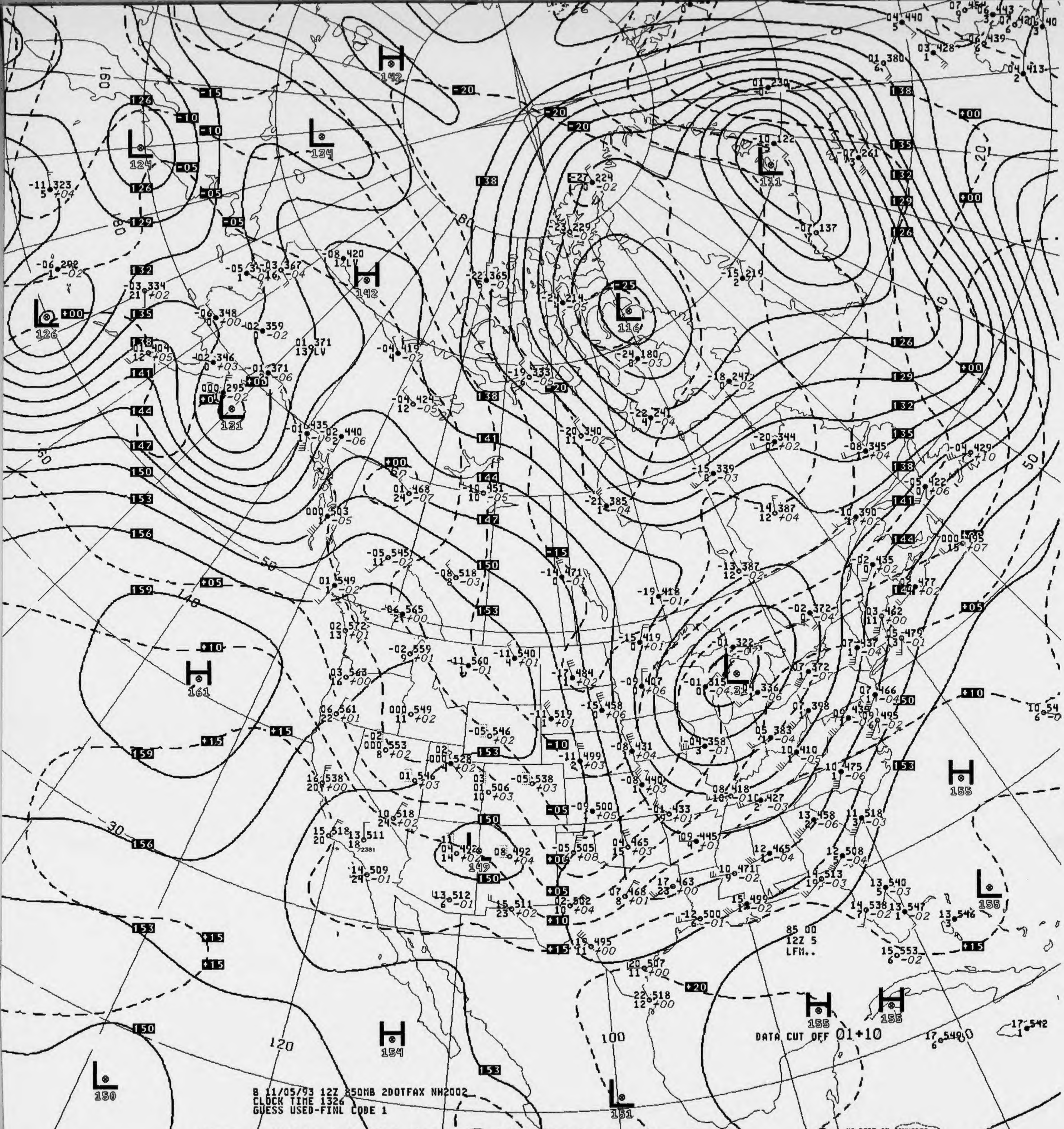
00Z 5
LFM..
H 161
H 140
L 125
L 131
L 127
L 117
L 113
L 124
H 157
H 154
H 154
L 152
H 157

B 11/05/93 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 5 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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12Z 5
LFM..
DATA CUT OFF 01+10
H 142
L 134
L 124
L 126
L 131
H 142
L 116
L 111
H 161
L 149
H 154
L 150
L 151
H 155
L 155
H 155
H 155

B 11/05/93 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1326
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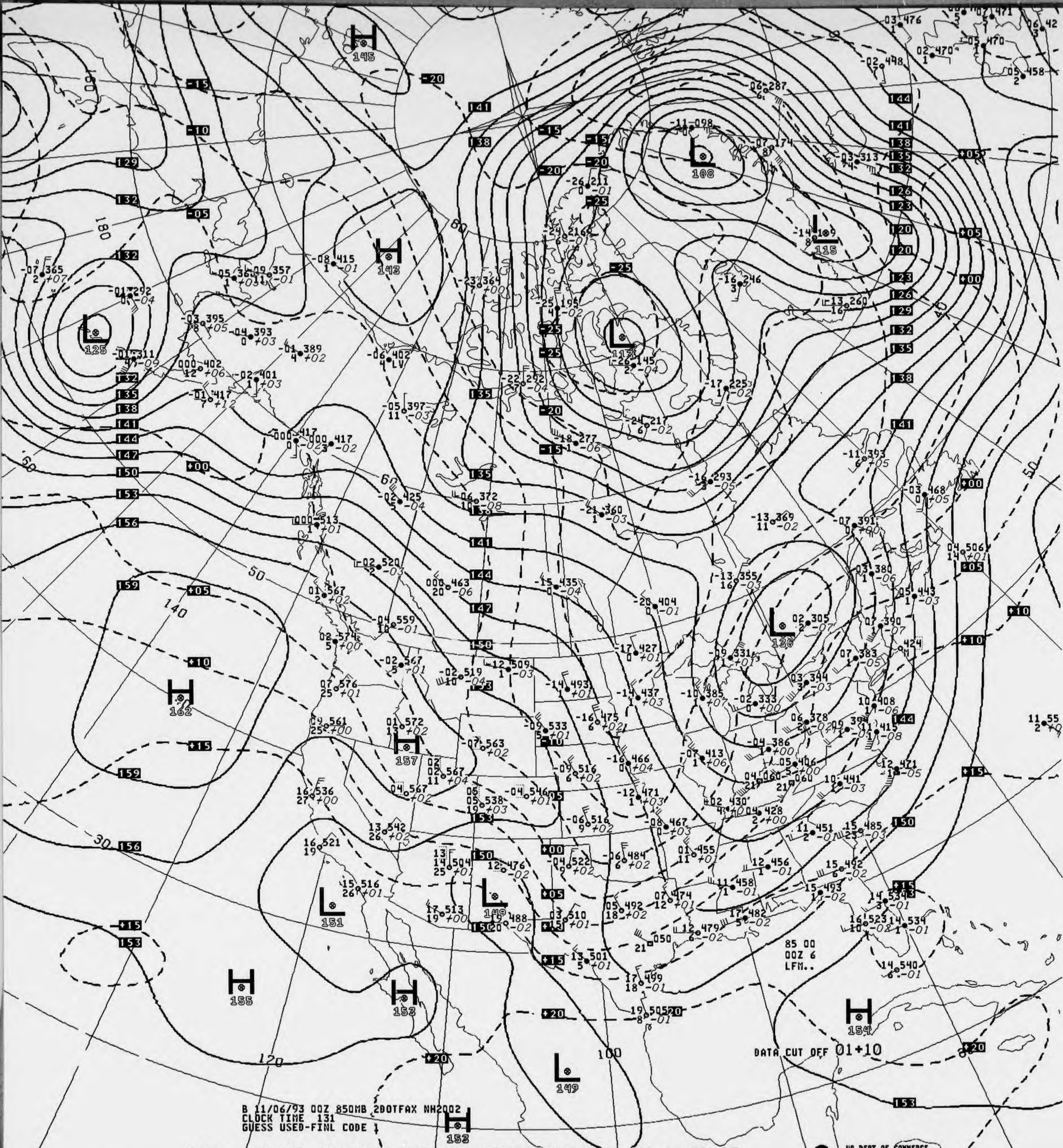
V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 5 NOV 93

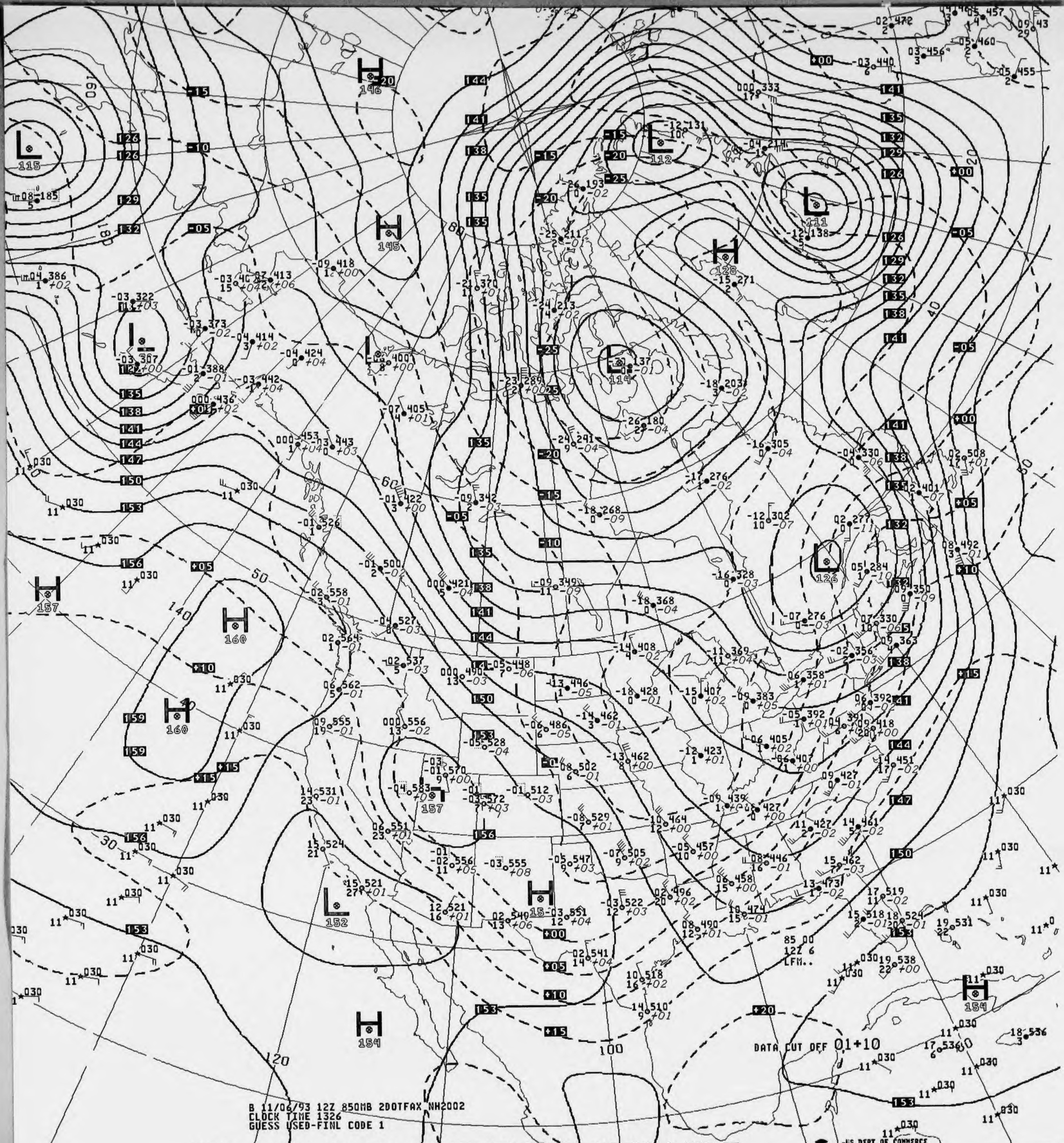
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



H 145
H 142
L 125
L 108
L 115
L 117
L 130
H 162
H 157
L 151
L 149
H 155
H 153
H 154
L 149
H 153
85 00
00Z 6
LFM..
DATA CUT OFF 01+10
B 11/06/93 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 131
GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 6 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 1326
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DATA CUT OFF 01+10
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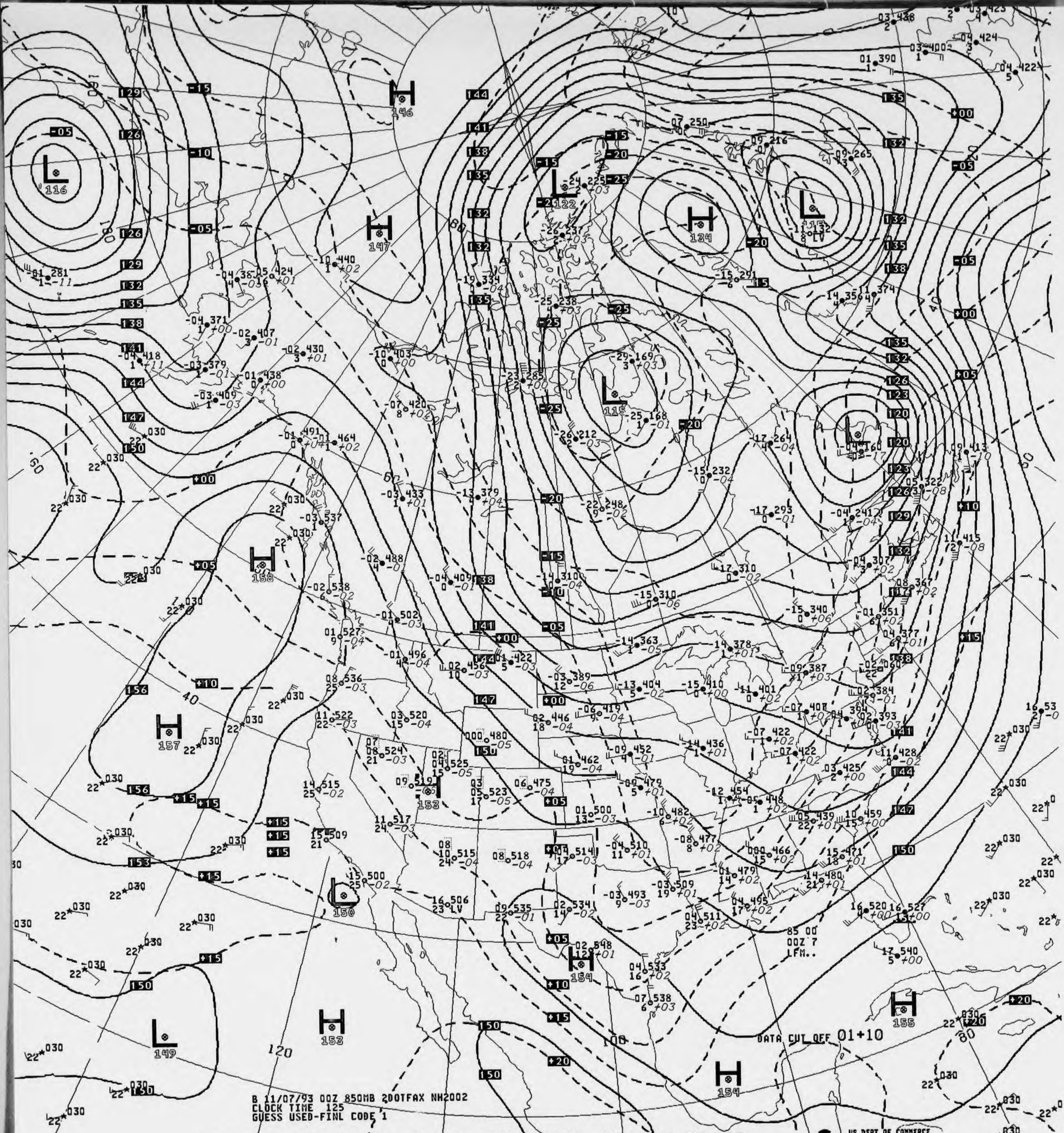
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 6 NOV 93


B 11/07/93 00Z 850MB 200TFAX NH2002
CLOCK TIME 125
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
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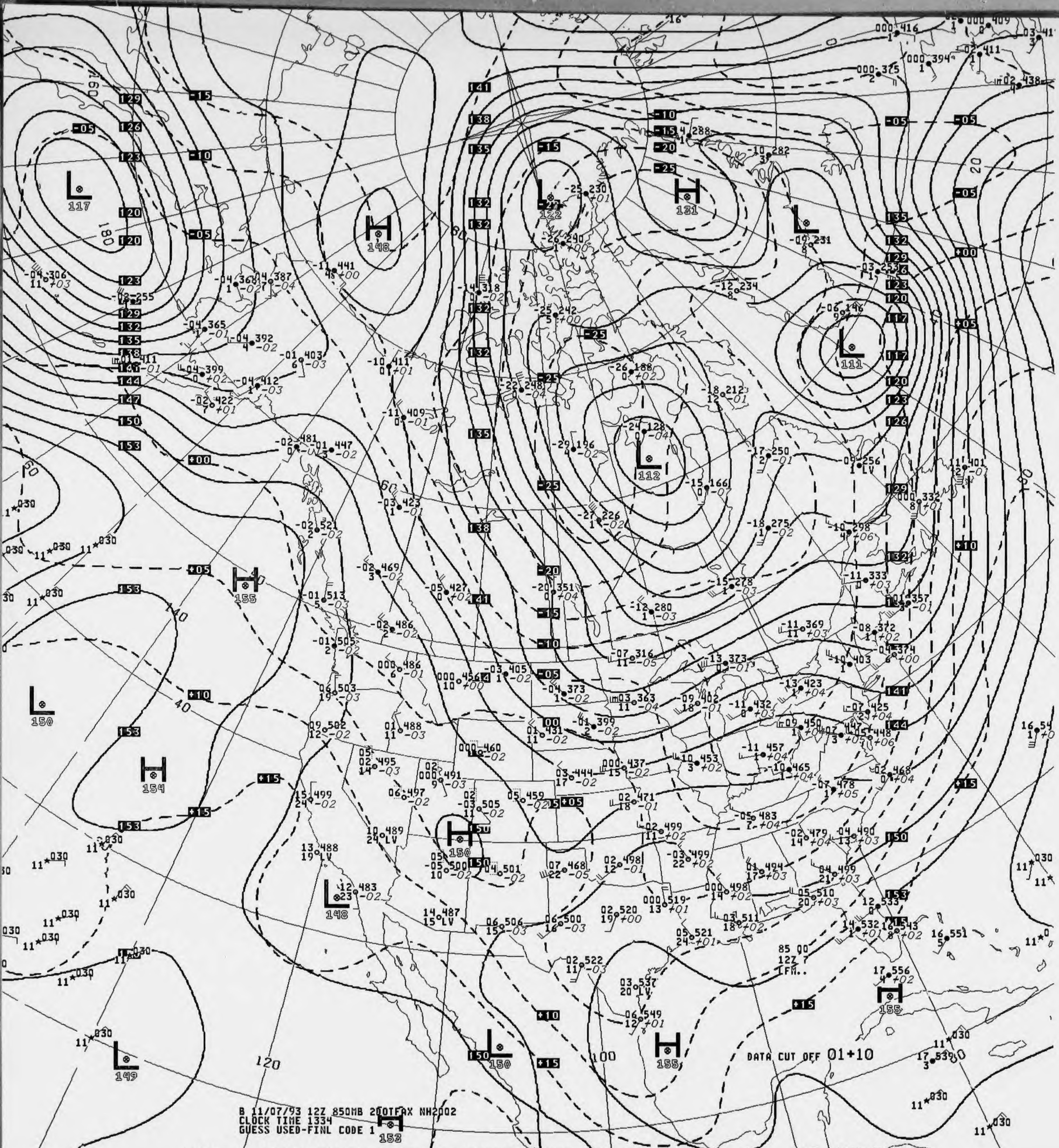
LFM..

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 7 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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12Z 7
IFM..
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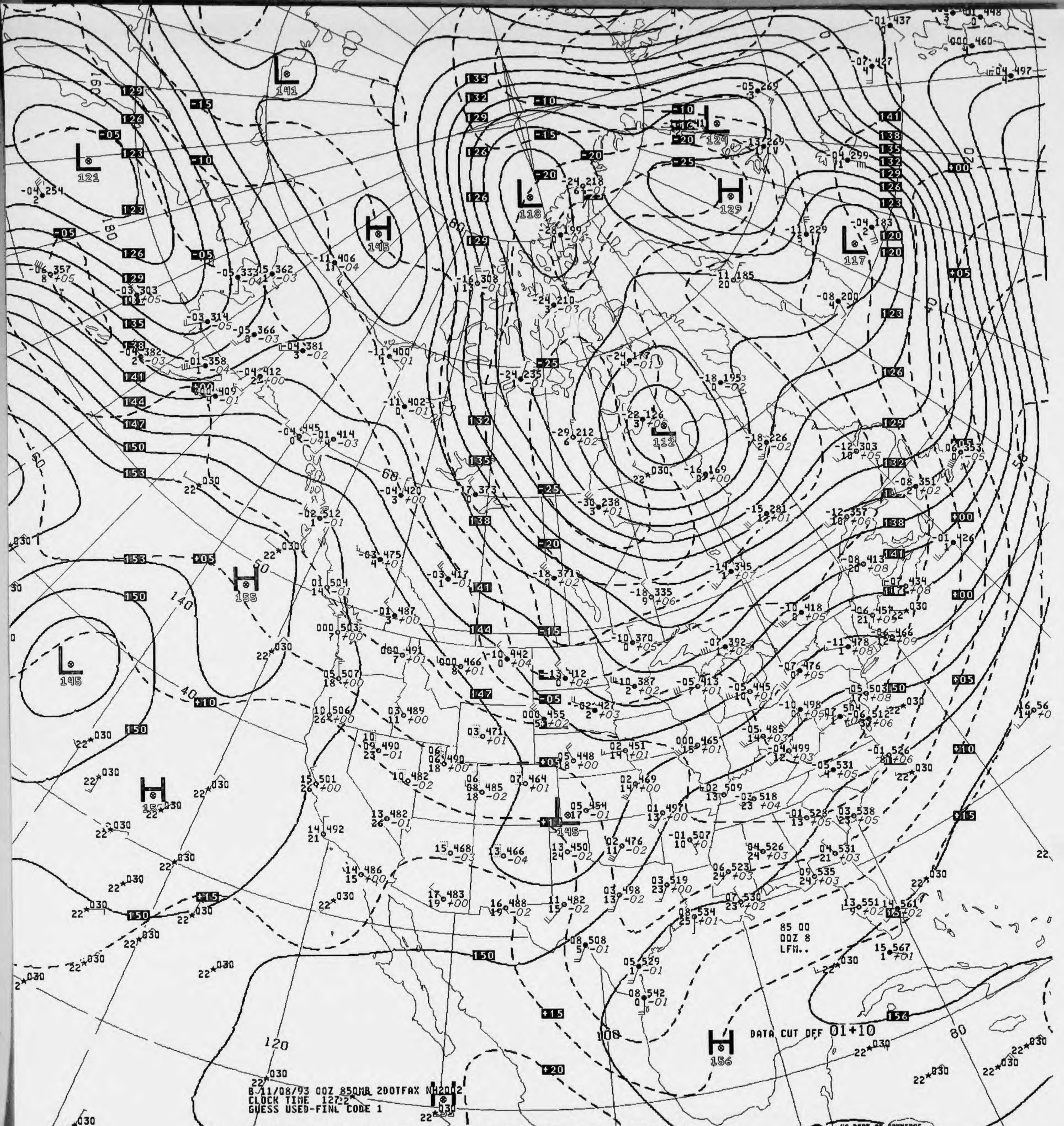
CLOCK TIME 1334
GUESS USED-FINL CODE 1
L 117
H 148
L 122
H 131
L 111
L 112
H 155
L 150
H 154
H 150
L 148
L 149
L 150
H 155
H 155
H 153

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 7 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 1272Z
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
85 00
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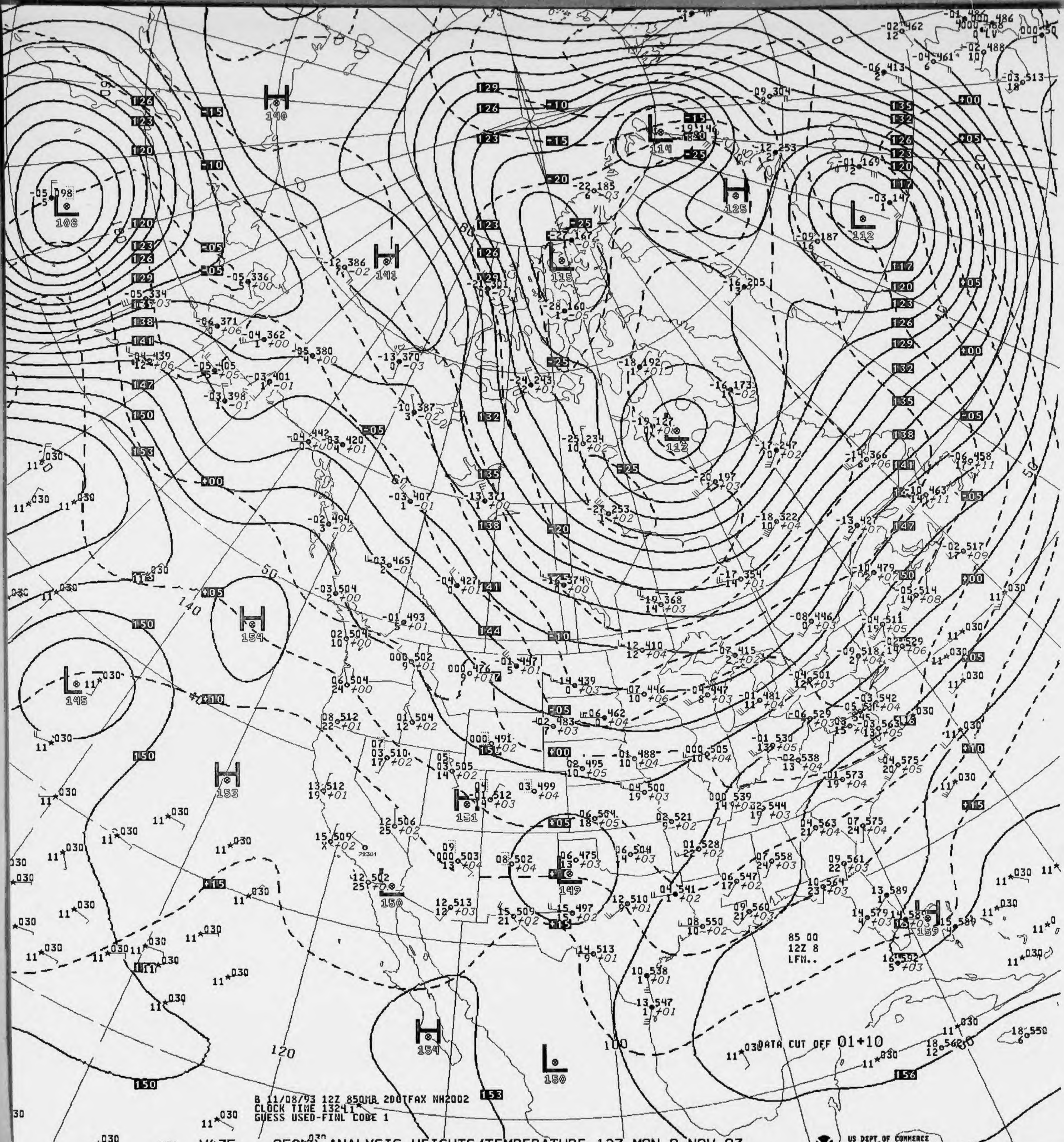
LFM..
L 121
L 141
H 145
L 118
L 124
H 129
L 117
L 112
H 155
L 145
H 15
L 145
H 156
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

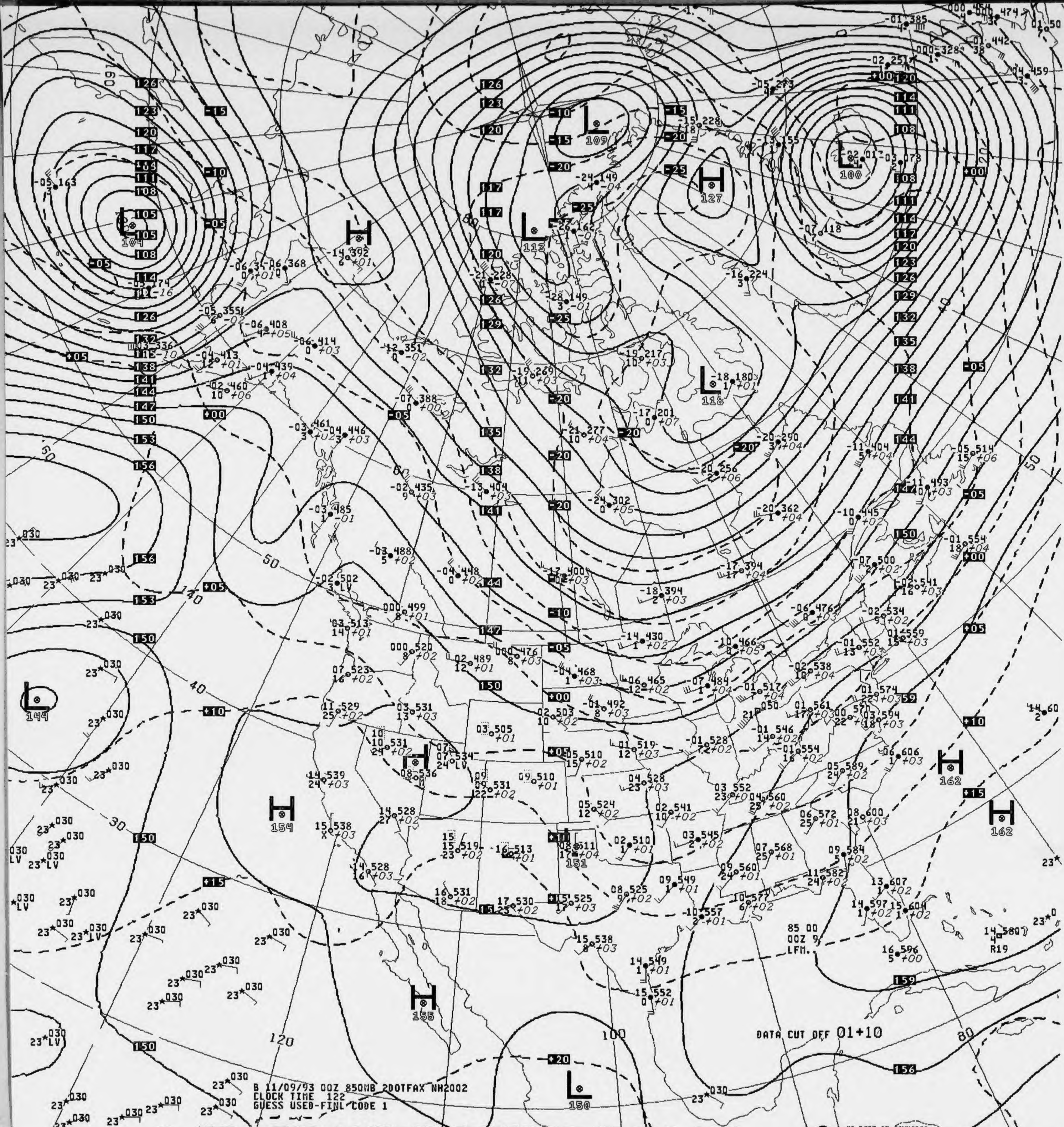
V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 8 NOV 93


H 140
L 108
H 141
L 115
L 114
H 125
L 112
L 113
H 154
L 145
H 153
H 151
H 149
H 150
H 159
H 154
L 150
85 00
12Z 8
LFM..
DATA CUT OFF 01+10

B 11/08/93 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1324
GUESS USED-FINL CODE 1

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 8 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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CLOCK TIME 122
GUESS USED-FINL CODE 1

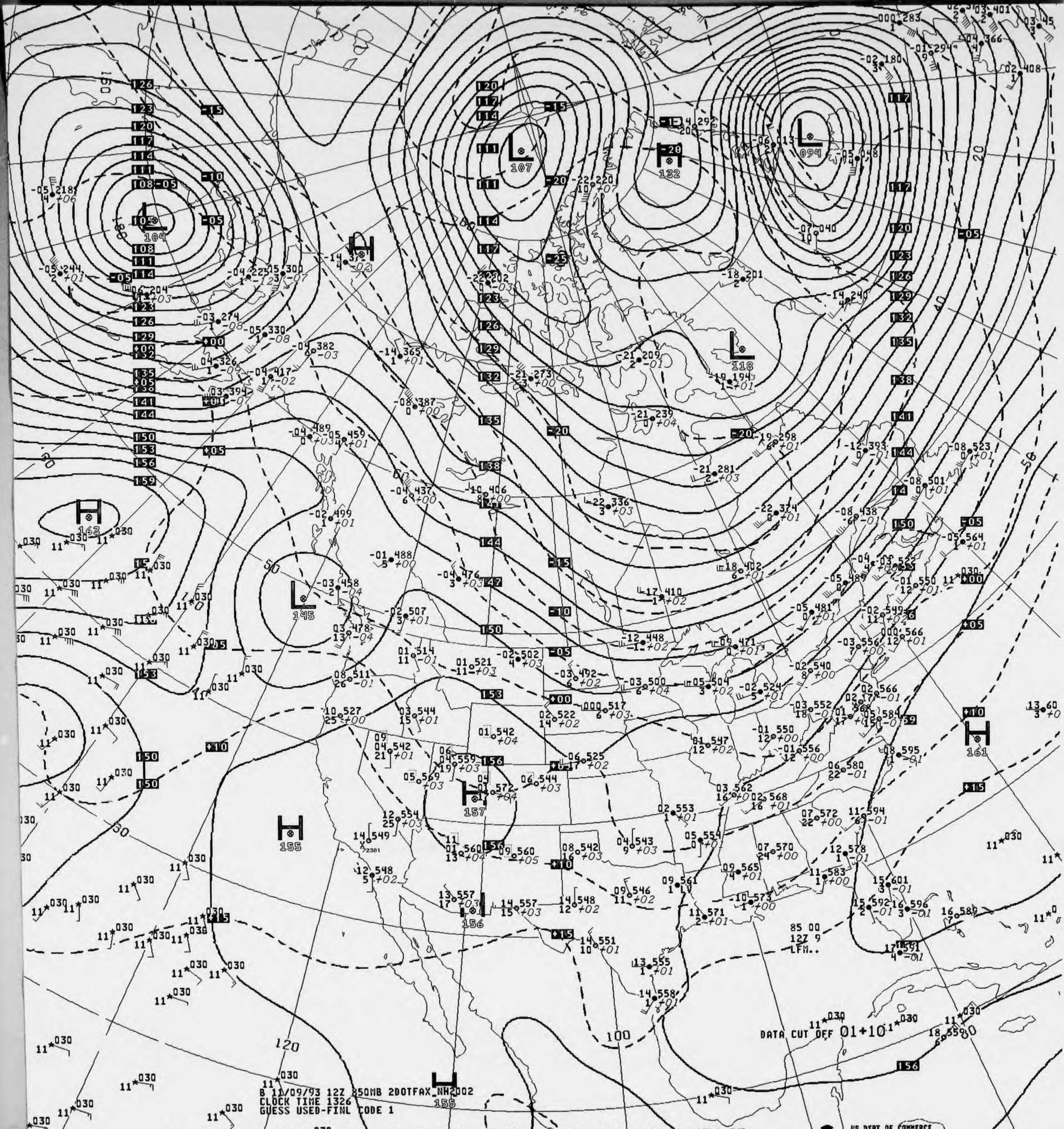
DATA CUT OFF 01+10

85 00
00Z 9
LFM.

L
109
L
100
L
104
L
112
L
118
L
144
L
150
H
127
H
154
H
155
H
162
H
162
H
151

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 9 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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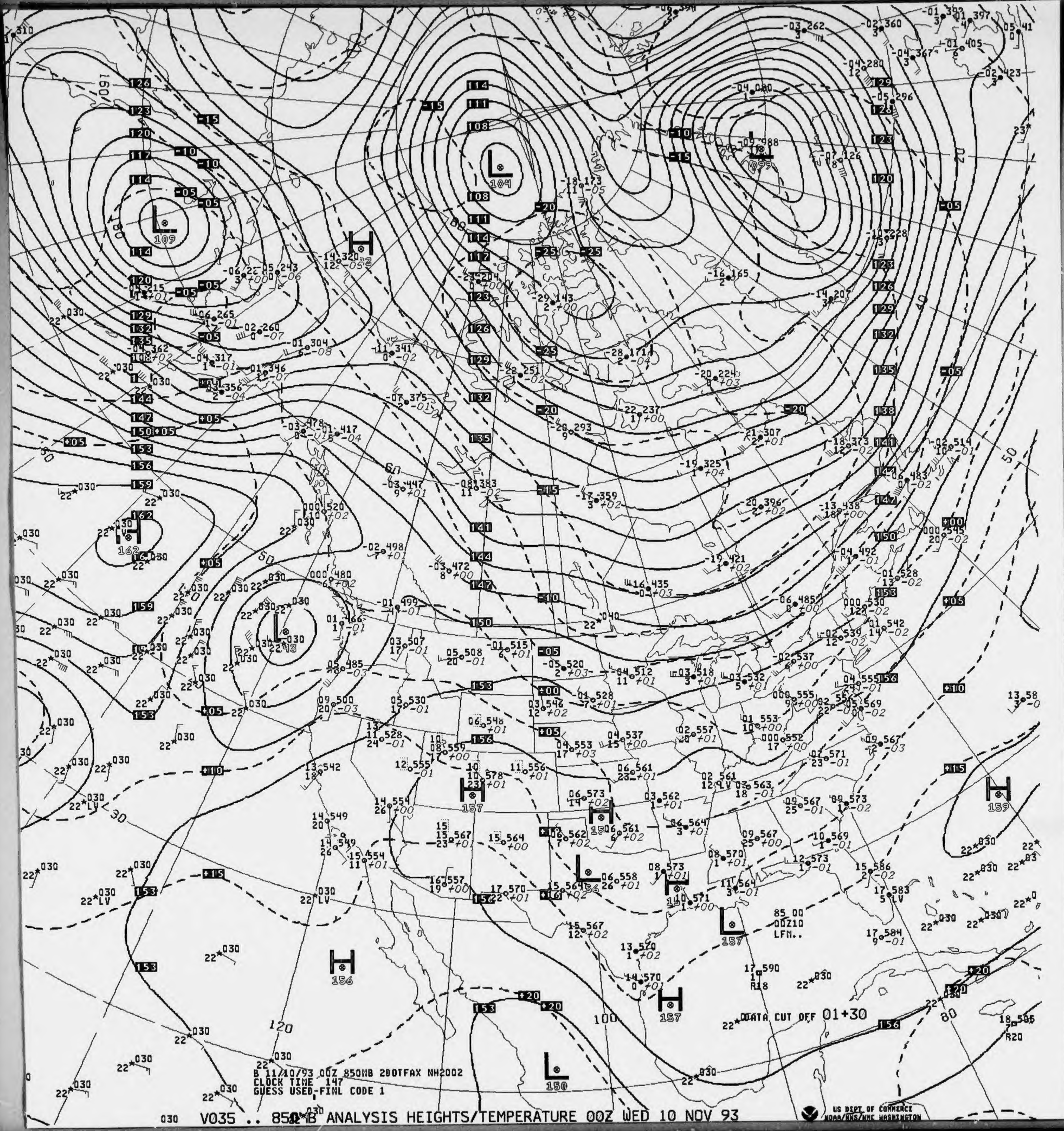
12Z 9
LFM..
DATA CUT OFF 01+10
L 104
L 107
L 132
L 094
L 118
L 145
H 163
H 155
H 157
L 156
H 161
H 155
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 9 NOV 93


L 109
L 104
L 099
H
H 162
L
H 157
H 15
L 156
L 157
H 159
H 156
H 157
L 150
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85 00
00Z10
LFM..

B 11/10/93 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 147
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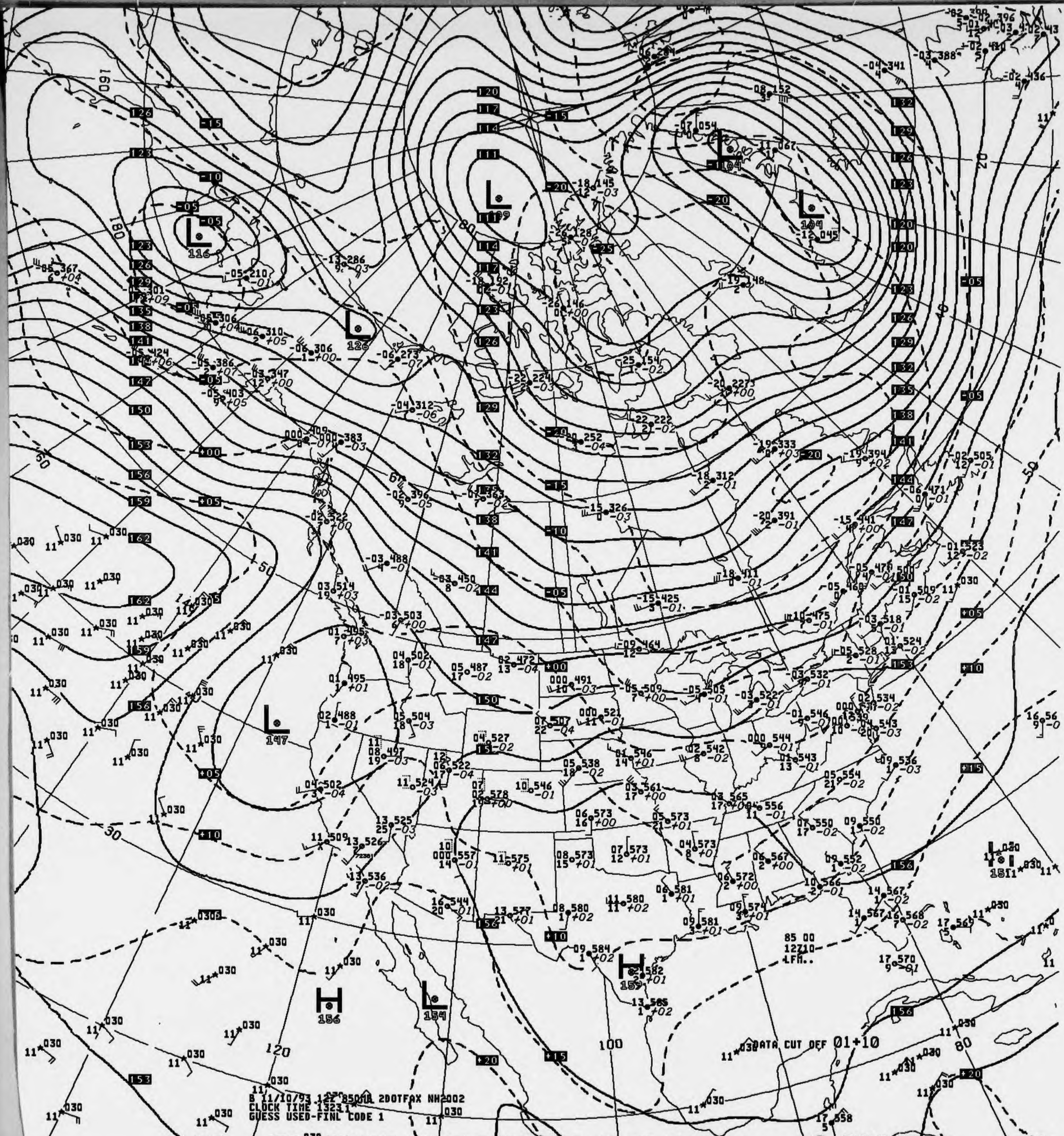
V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 10 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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DATA CUT OFF 01+10

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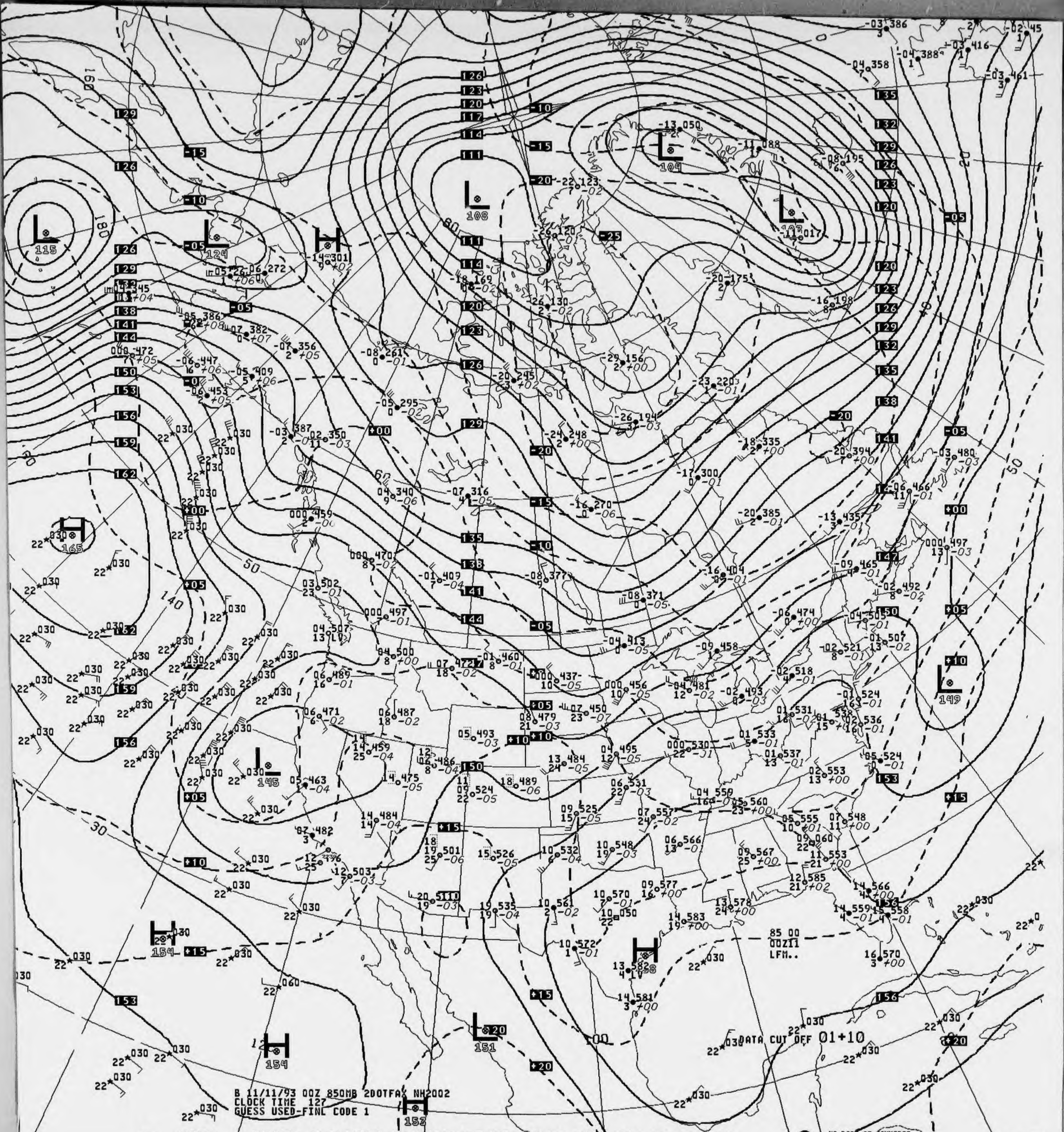
V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 10 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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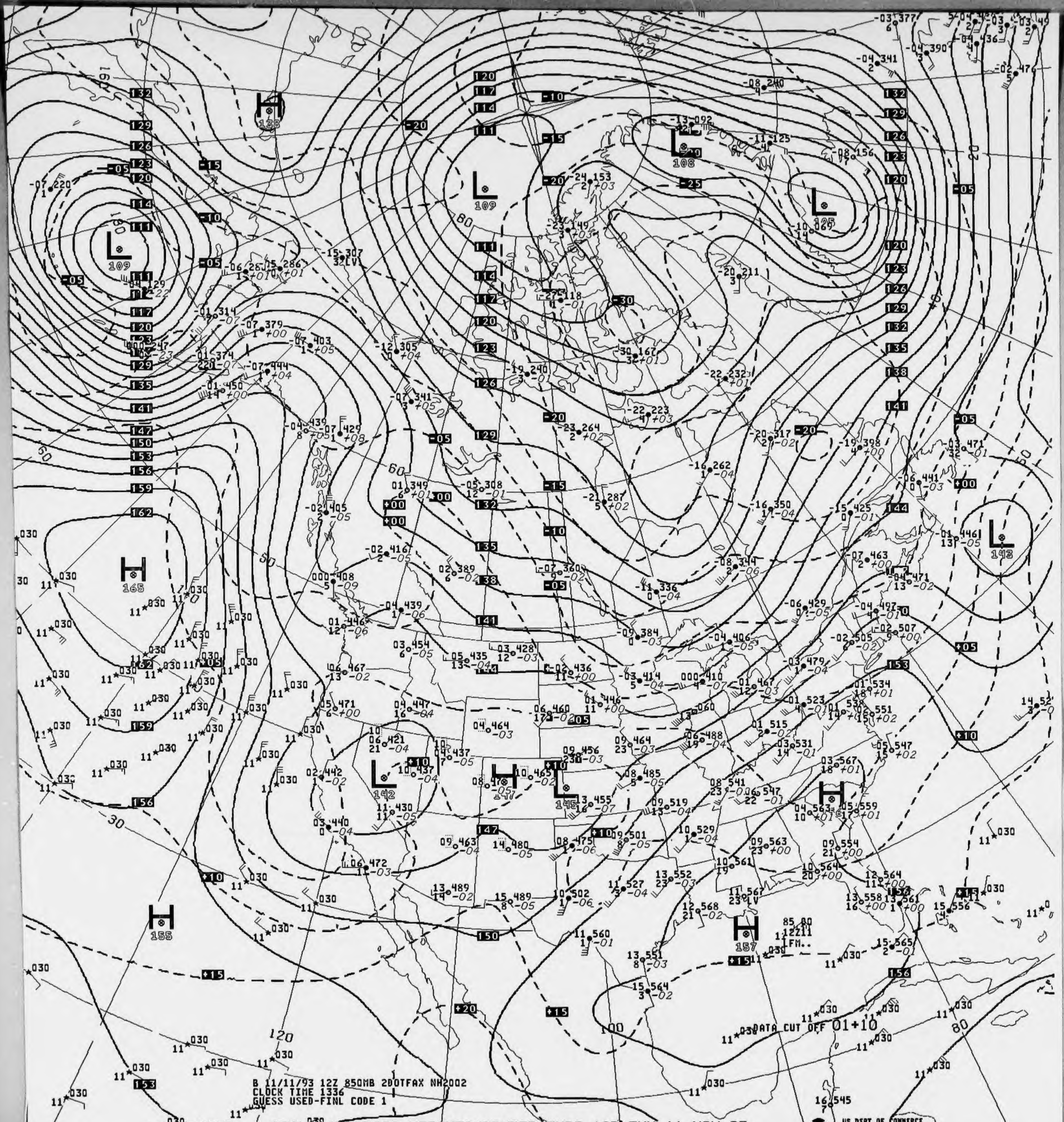
030 V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 11 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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DATA CUT OFF 01+10
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L 109
L 109
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L 125
H 165
L 142
L 142
L 145
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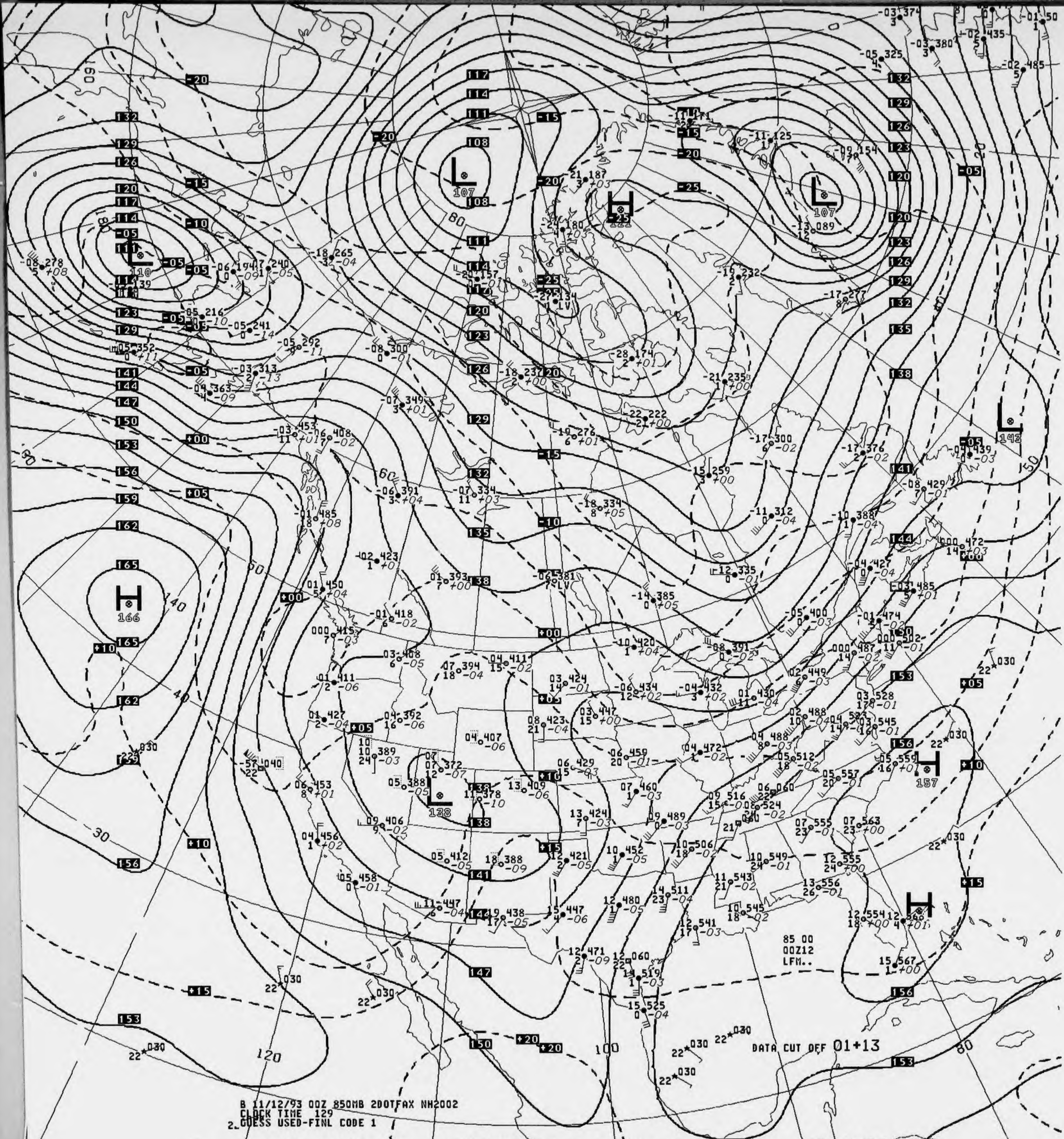
H 157

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 11 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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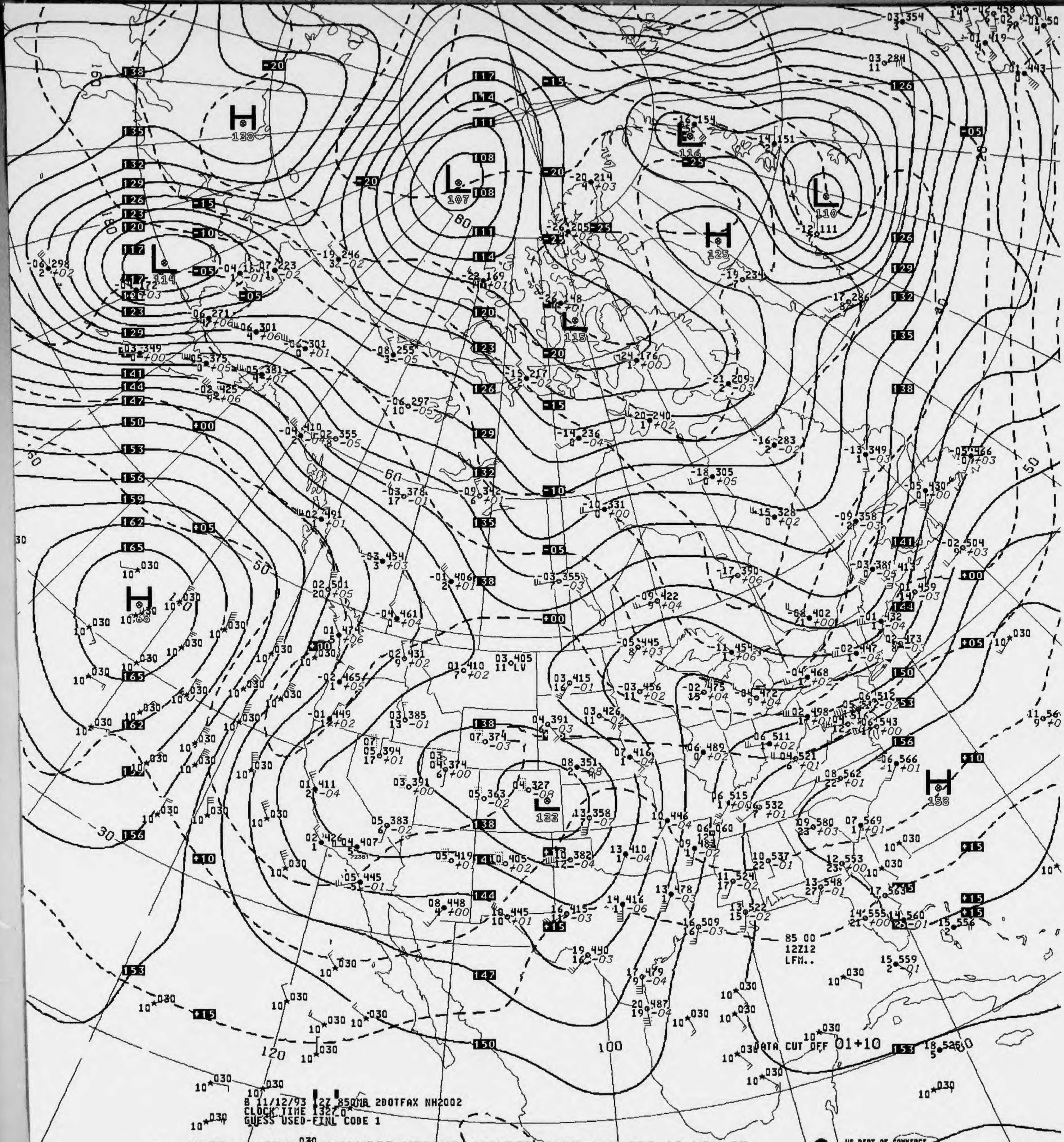
CLOCK TIME 129
2_GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 12 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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CLOCK TIME 1327
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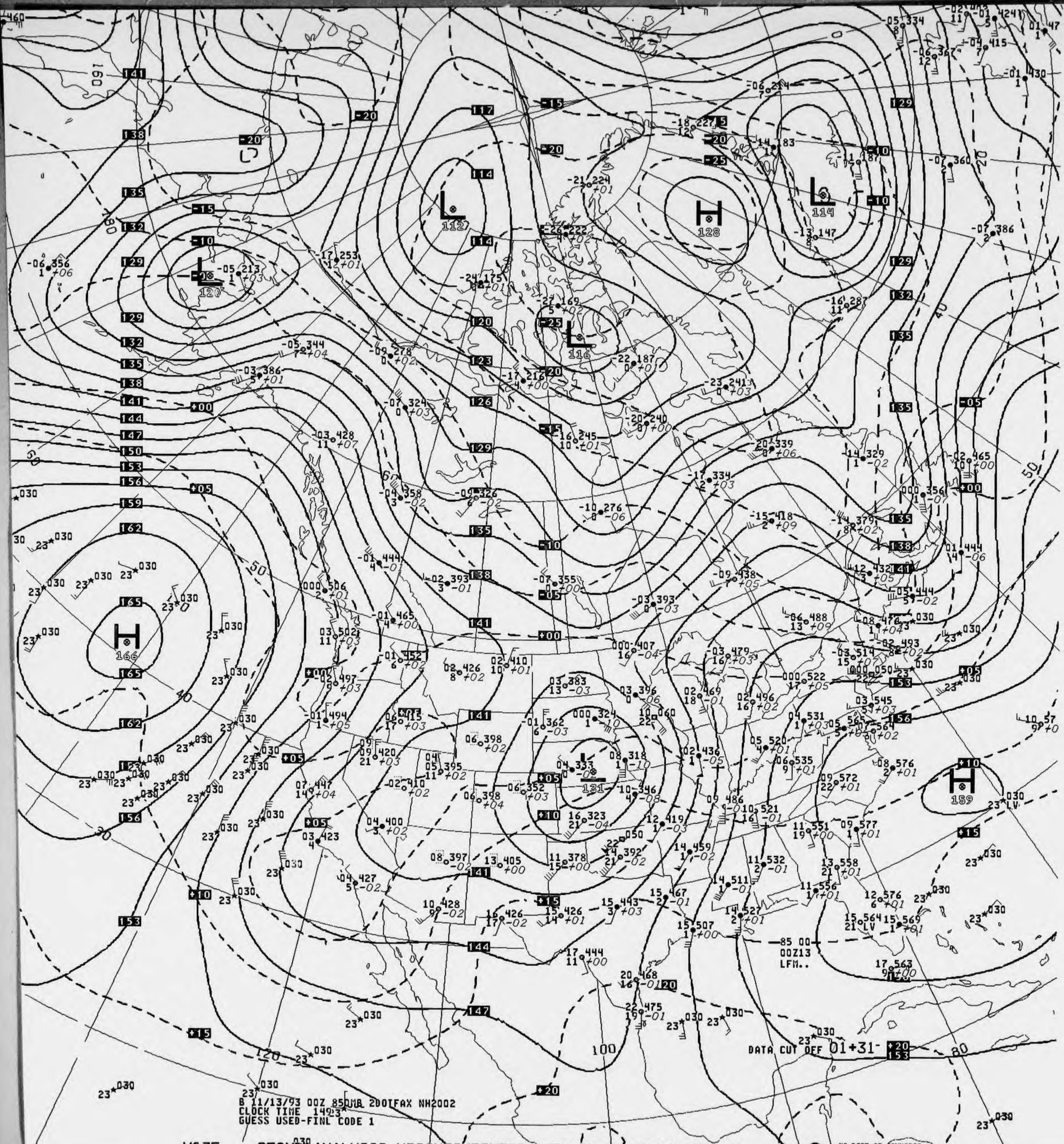
12Z12
LFM..
DATA CUT OFF 01+10
H 138
L 107
L 116
L 110
H 125
L 114
L 115
H 168
L 133
H 158

030 V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 12 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



L 112
L 120
L 116
L 114
H 128
H 166
H 159
L 131
DATA CUT OFF 01+31
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LFM..
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CLOCK TIME 1423
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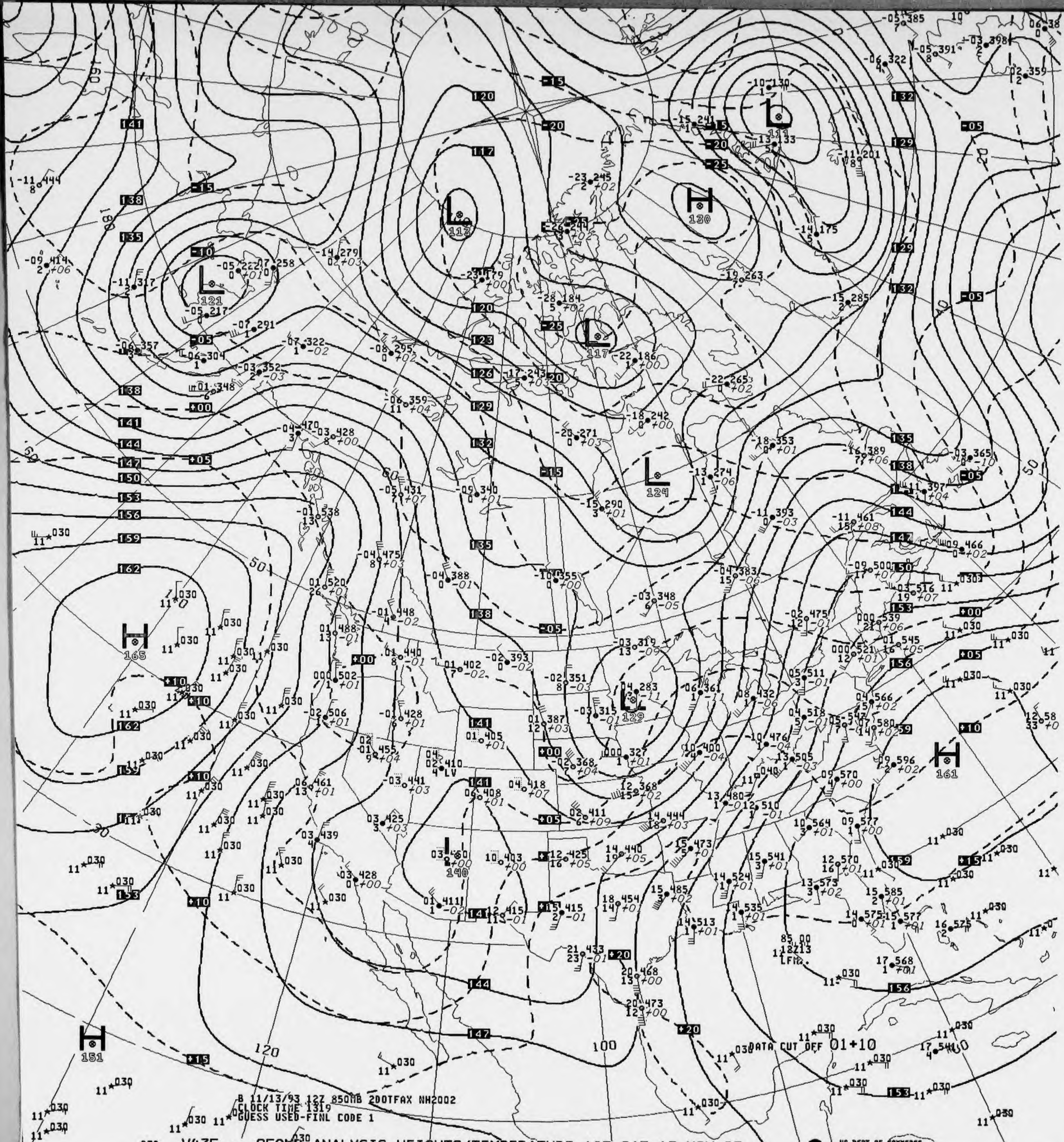
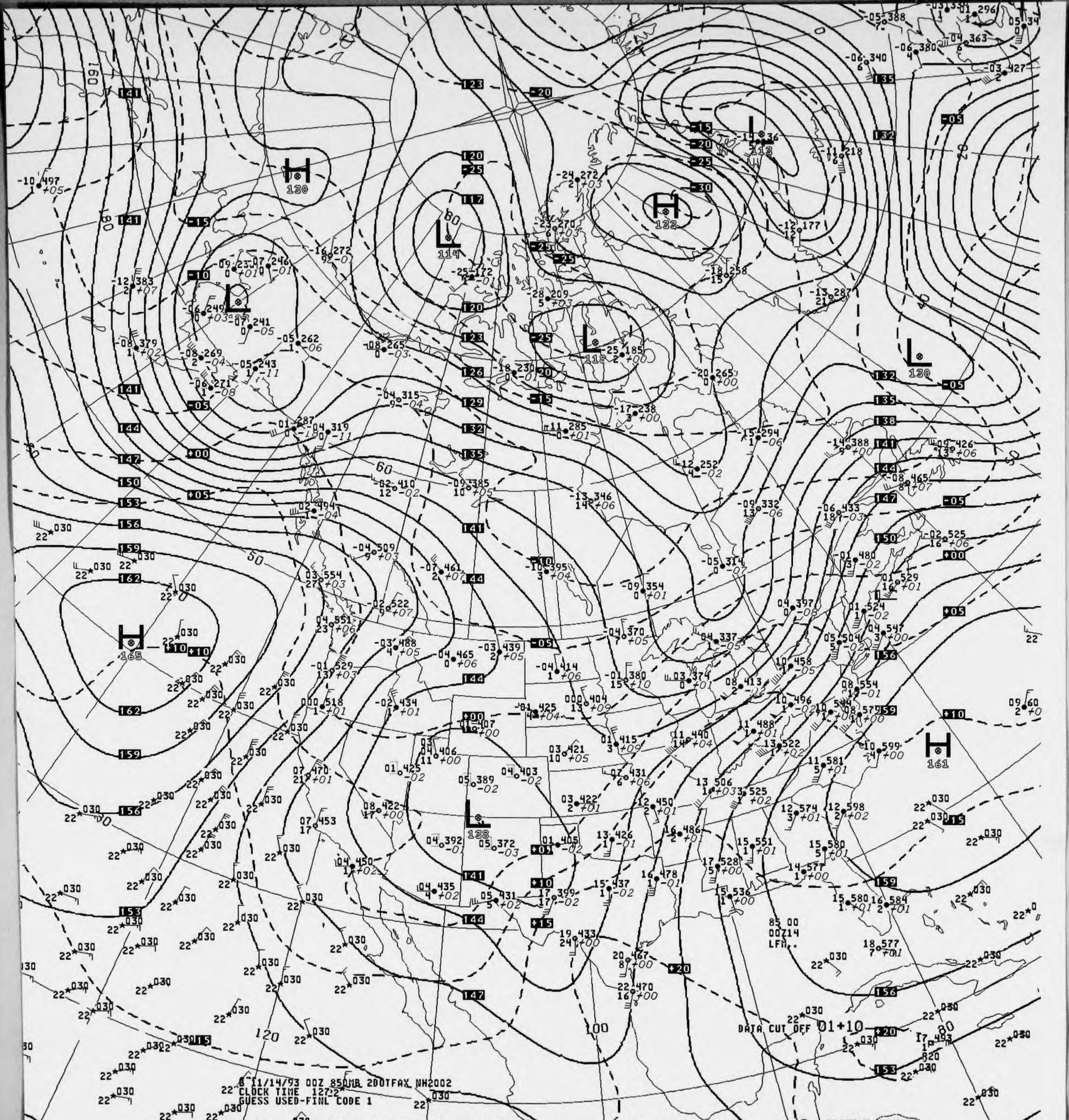
V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 13 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON




H
130
L
114
H
132
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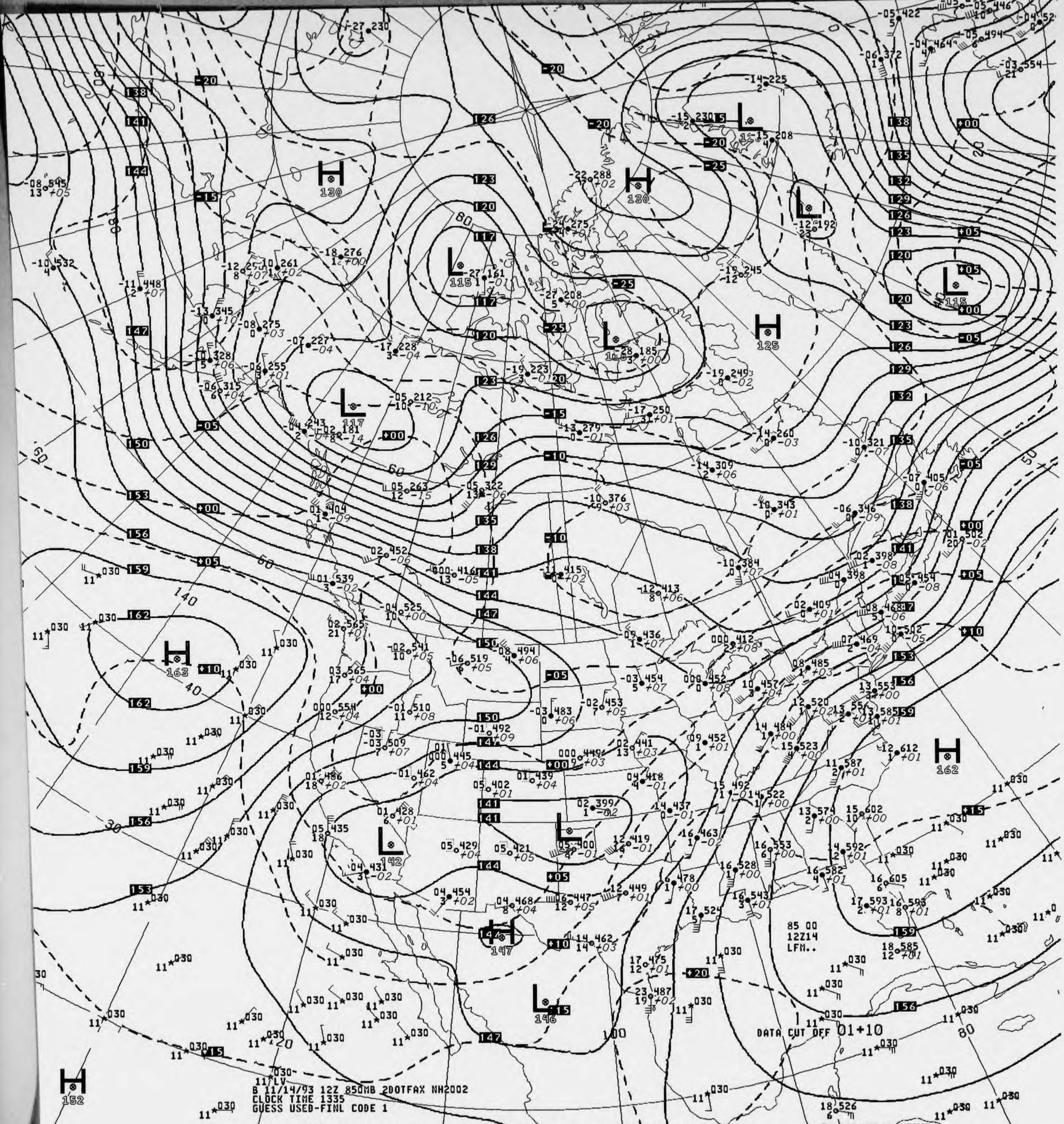
113
L
118
L
130
H
165
L
138
H
161
85 00
00Z14
LFM..
DATA CUT OFF 01+10

8 11/14/93 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 1272
GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 14 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 1335
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LFM..
DATA CUT OFF 01+10
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H 130
L 115
H 125
L 115
L 117
L 118
H 163
L 142
H 147
L 146
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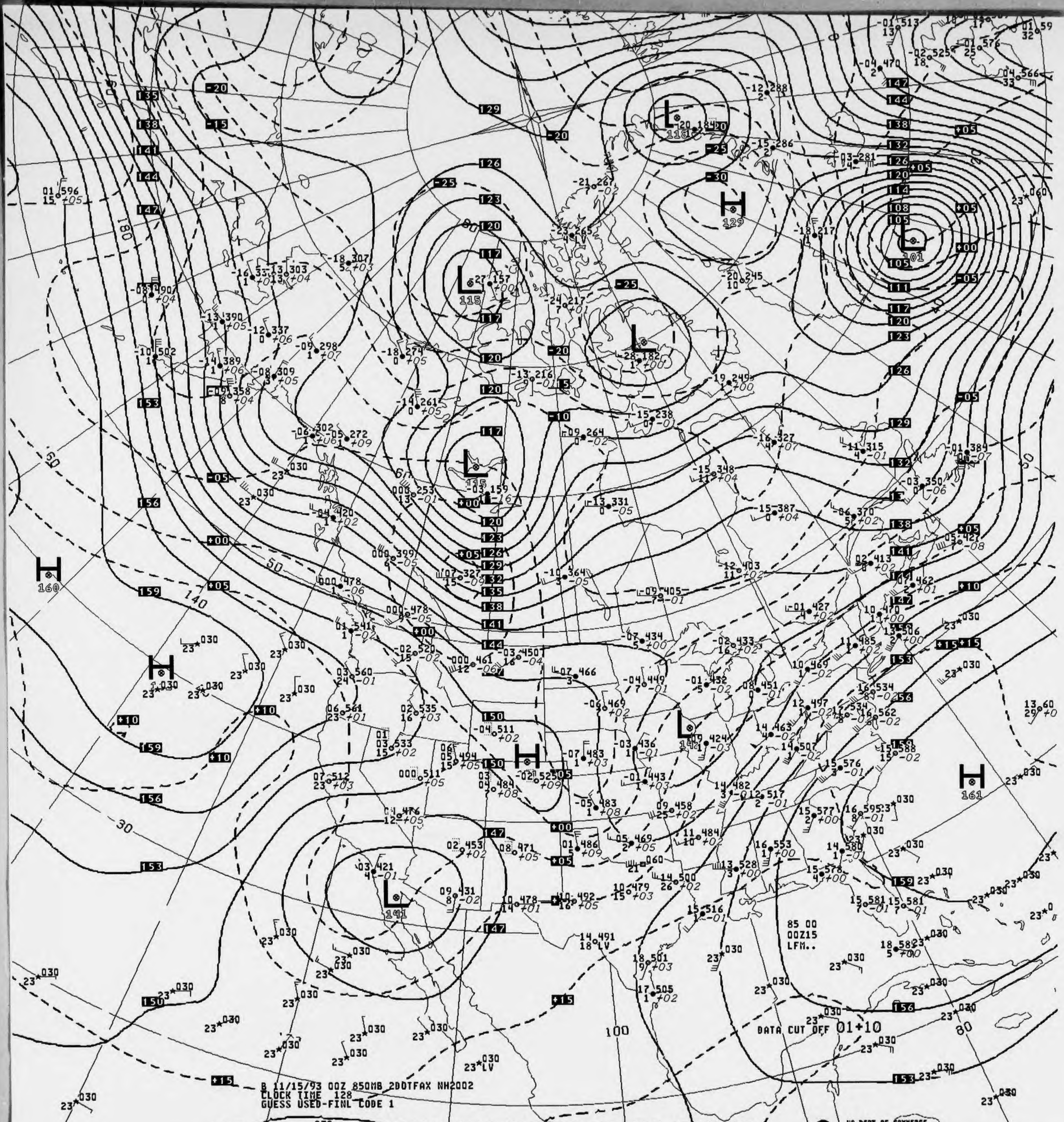
L 192

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 14 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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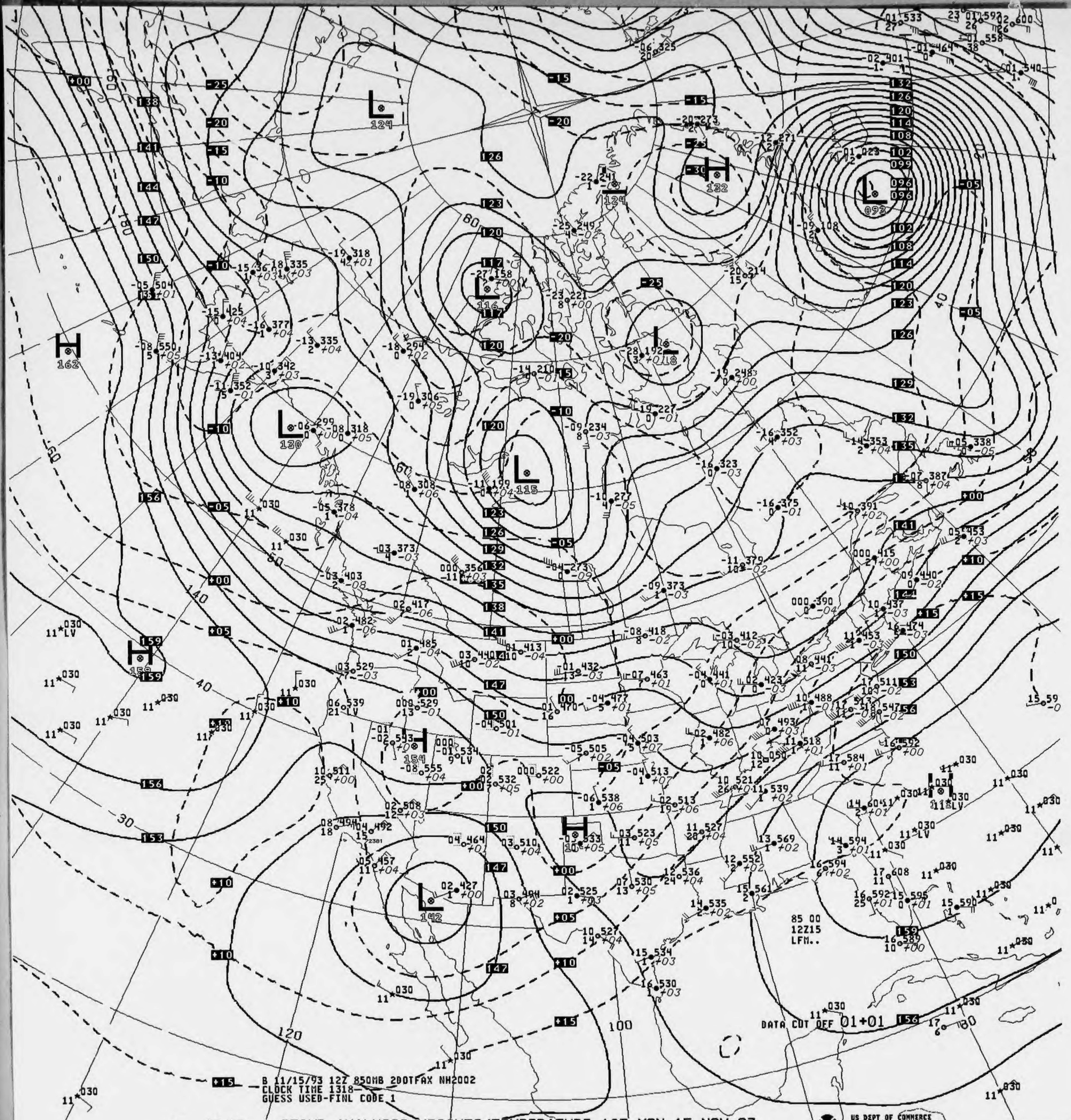
LFM..
DATA CUT OFF 01+10
B 11/15/93 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 128
GUESS USED-FINL CODE 1

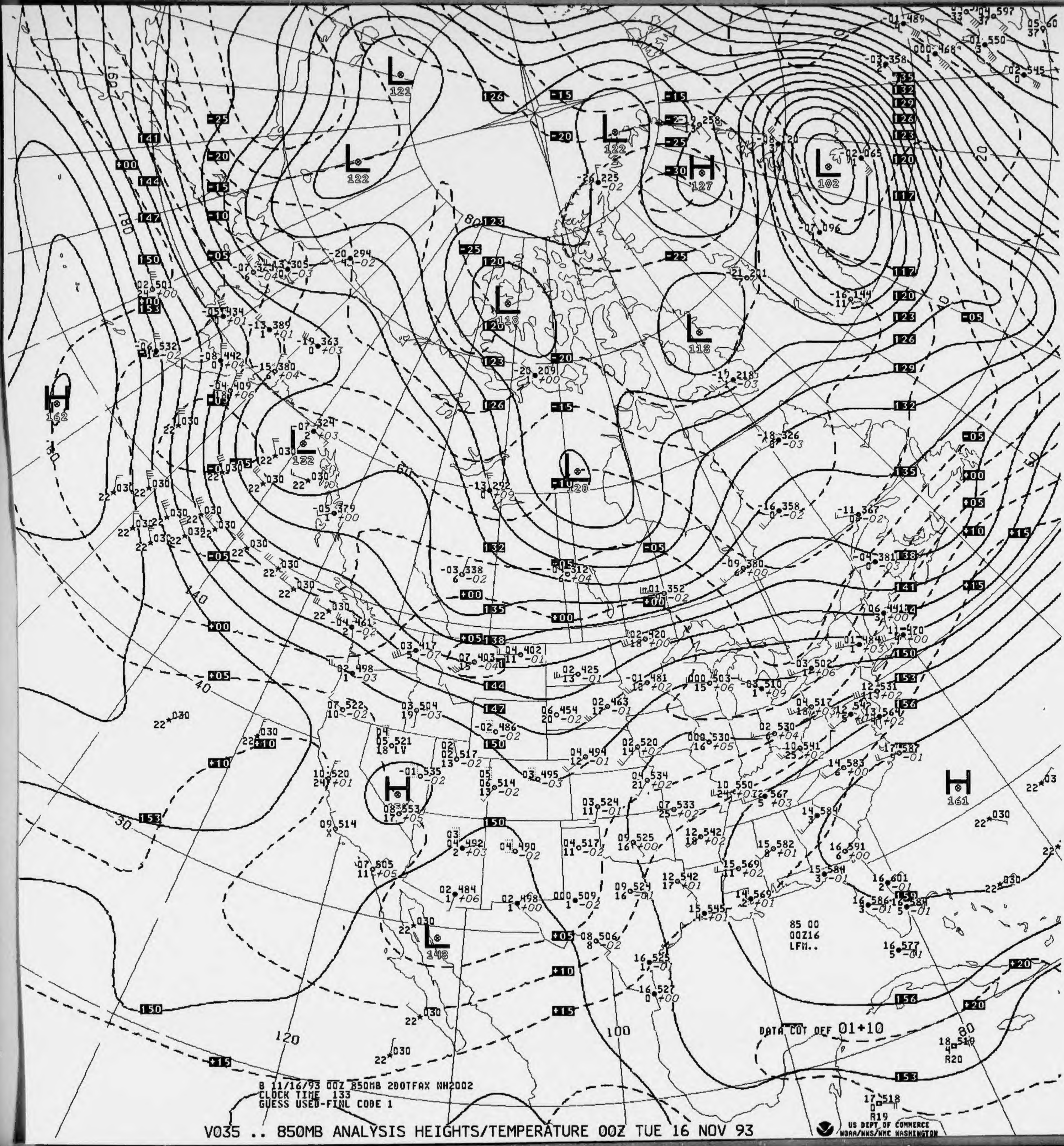
V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 15 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/15/93 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1318
GUESS USED-FINL CODE 1
85 00
12Z15
LFM..
DATA CUT OFF 01+01
H 162
H 159
H 154
H
H 132
L 124
L 116
L 130
L 115
L 118
L 092
L 142

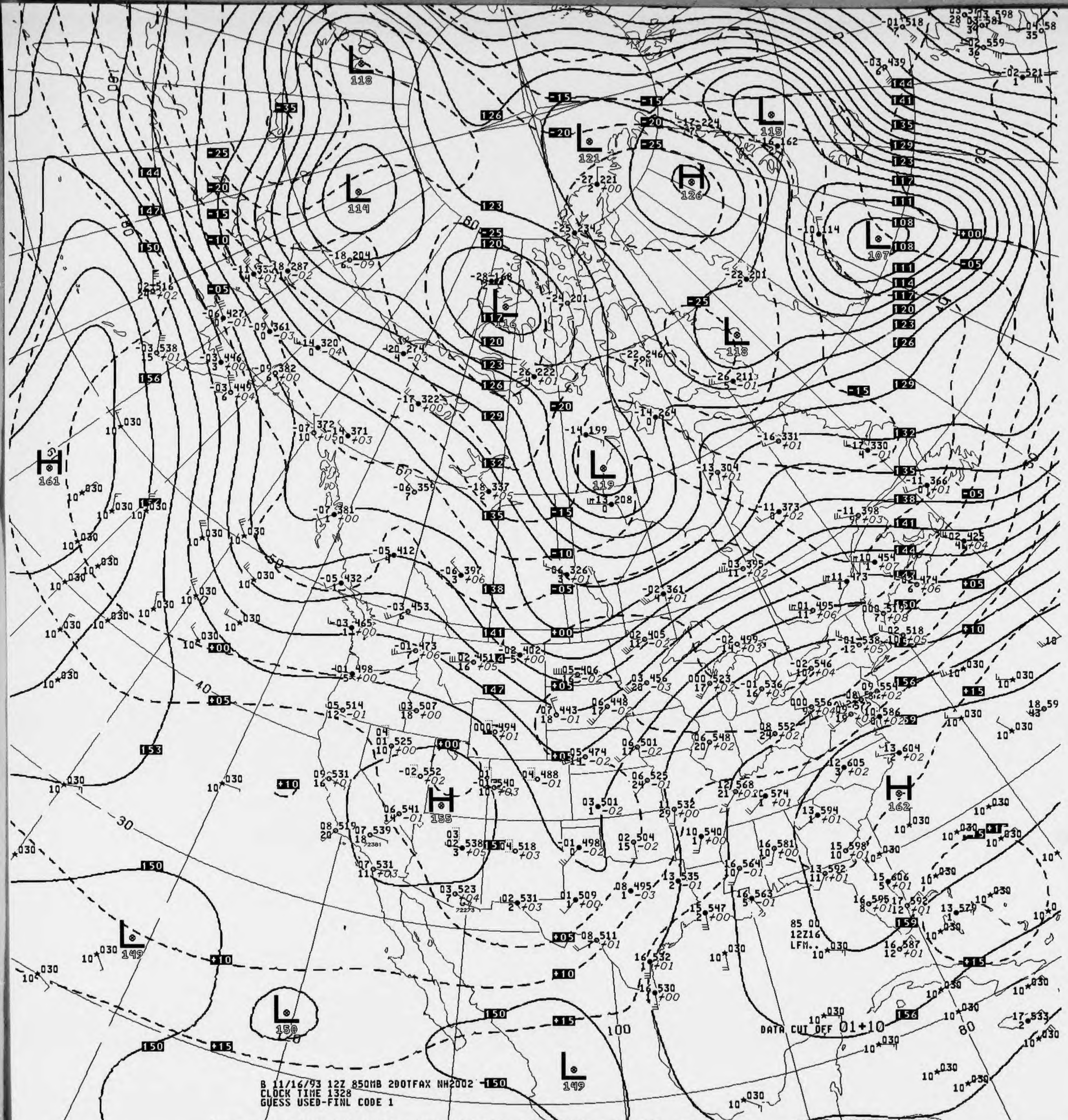
030 V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 15 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 11/16/93 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 133
GUESS USED-FINL CODE 1
85 00
00Z16
LFM..
DATA CUT OFF 01+10
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
L 121
L 122
L 122
H 127
L 102
L 118
L 118
H 162
L 132
L 120
H 161
L 148

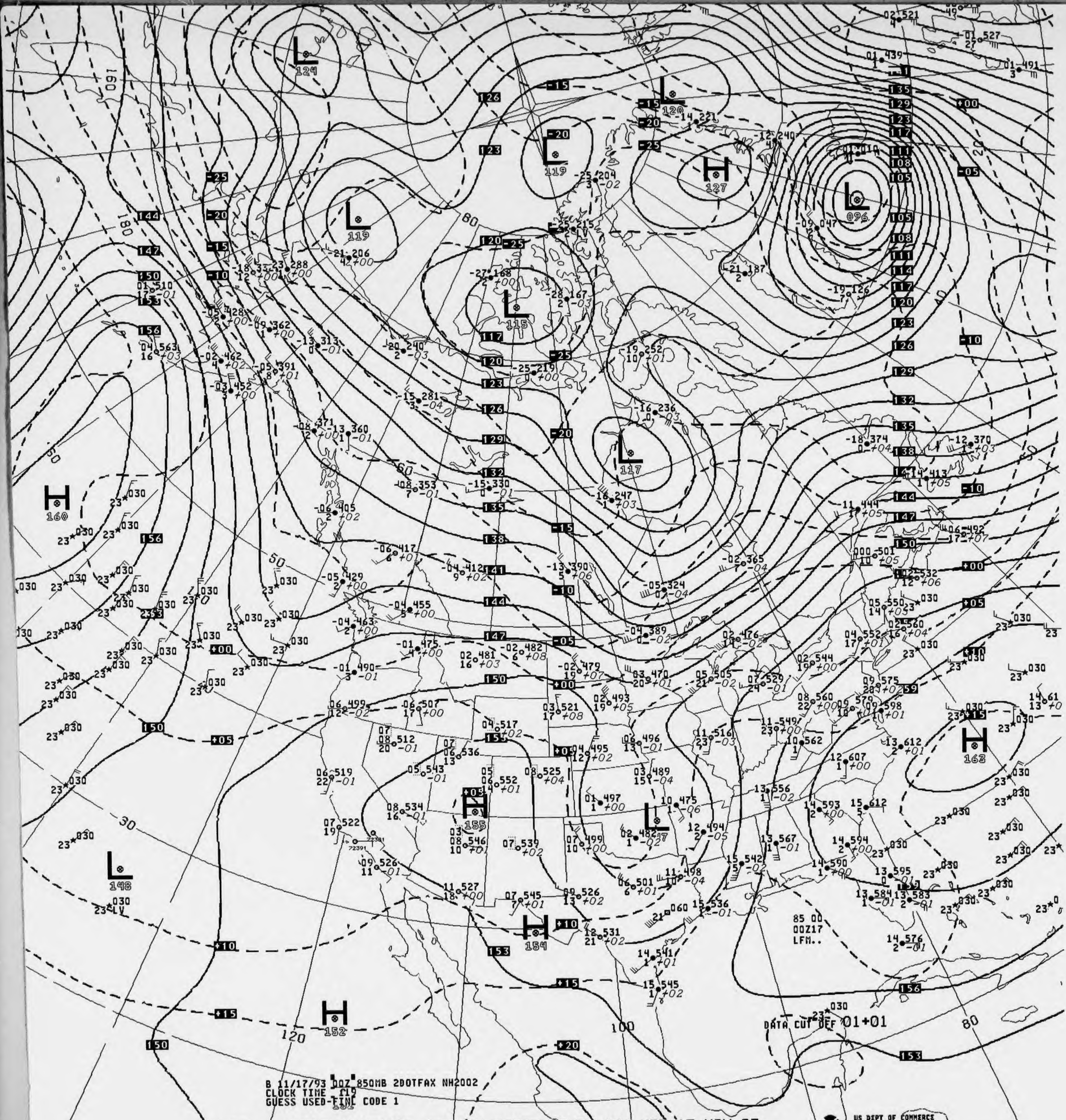
V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 16 NOV 93


L 118
L 114
L 121
H 126
L 115
L 107
L 116
L 118
L 119
H 161
H 155
H 162
L 149
L 150
L 149
DATA CUT OFF 01+10
85 00
12Z16
LFM..

B 11/16/93 12Z 850MB 200TFAX NH2002
CLOCK TIME 1328
GUESS USED-FINL CODE 1

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 16 NOV 93

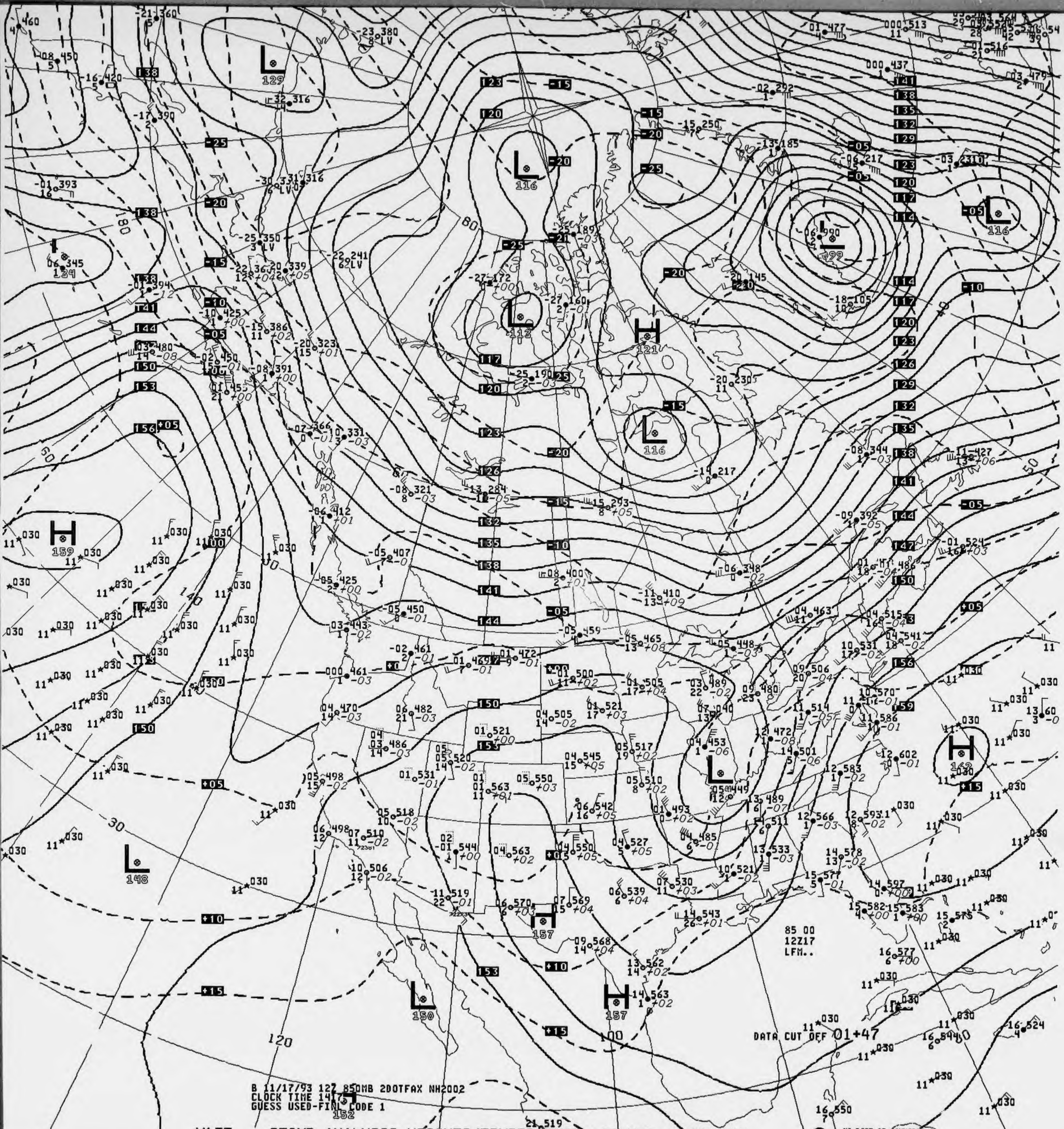
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 124
L 120
C 119
H 127
L 096
L 119
L 115
L 117
H 160
H 163
L 148
H 155
L 147
H 154
H 152
85 00
00Z17
LFM..
DATA CUT OFF 01+01
180
160
80
60
50
40
30
20
120
100
80

B 11/17/93 00Z 850MB 2DOTFAX NH2002
CLOCK TIME .f19
GUESS USED-FINL CODE 1

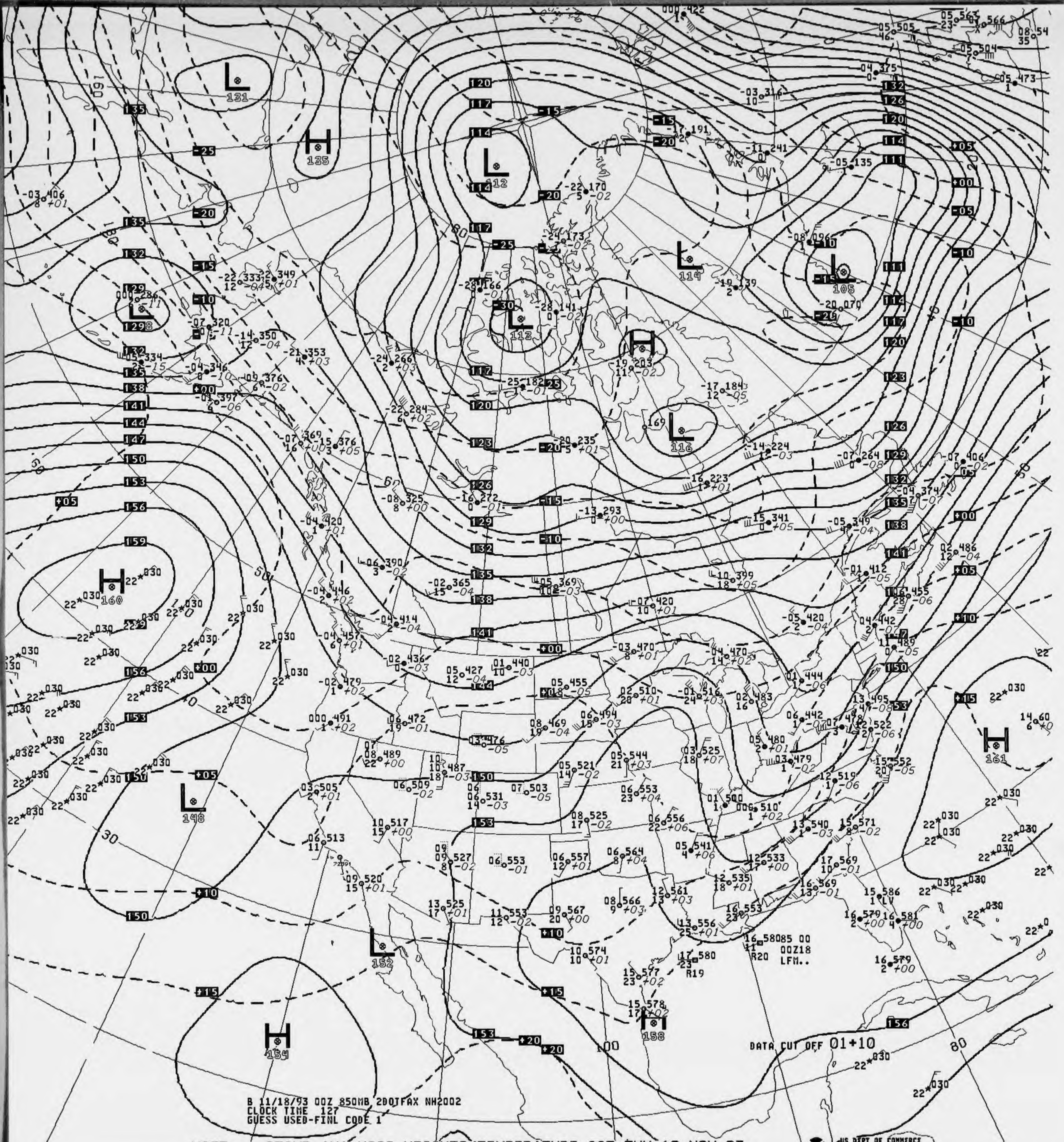
V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 17 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/17/93 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1417
GUESS USED-FINL CODE 1
85 00
12Z17
LFM..
DATA CUT OFF 01+47
H
L
159
162
157
148
150
116
113
121
129
134

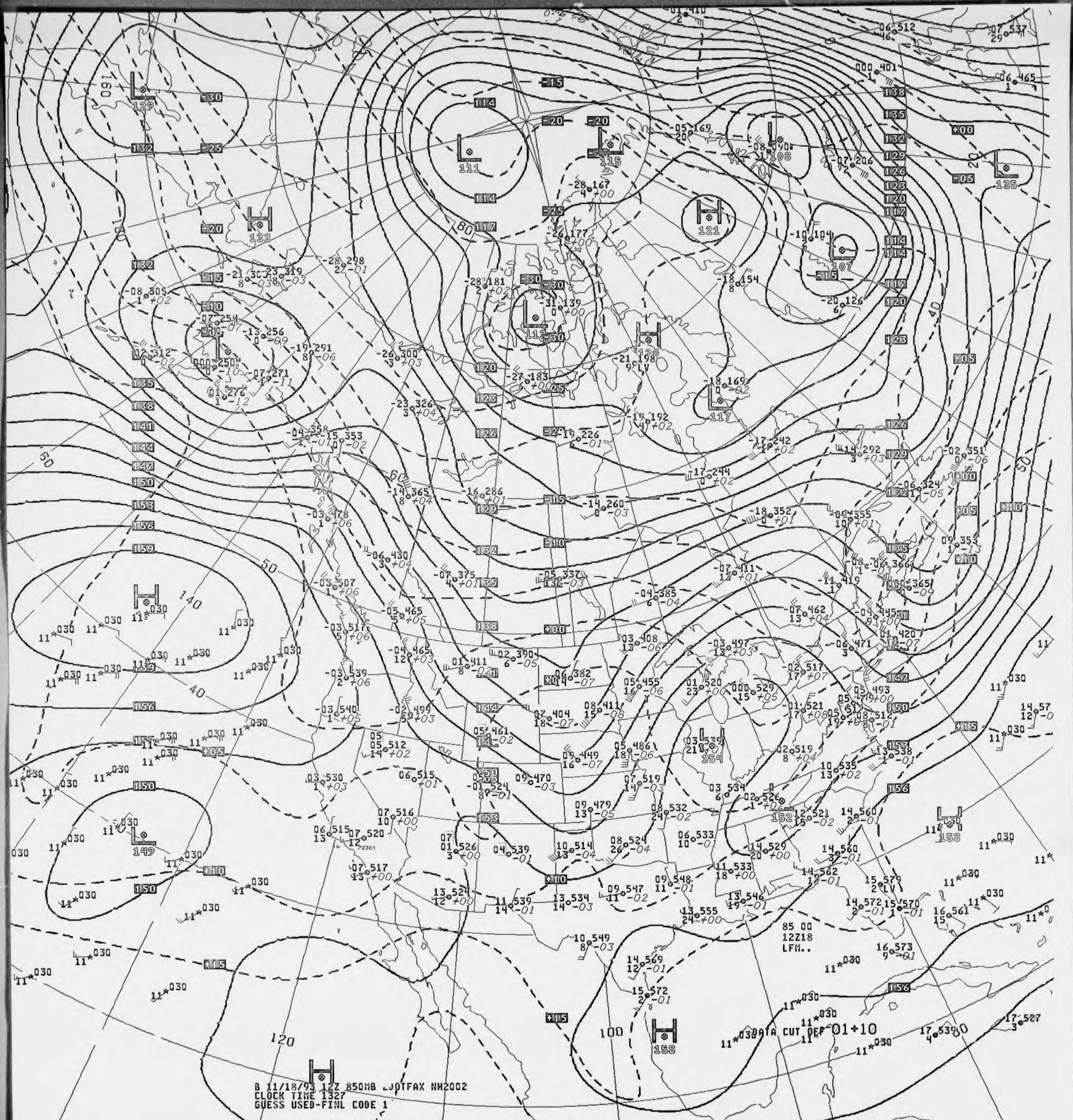
V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 17 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/18/93 00Z 850MB 2D0TFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
85 00
00Z18
LFM..
L 131
H 135
L 112
L 113
L 114
L 105
H 203
L 116
L 128
H 160
L 148
L 152
H 154
H 158
H 161

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 18 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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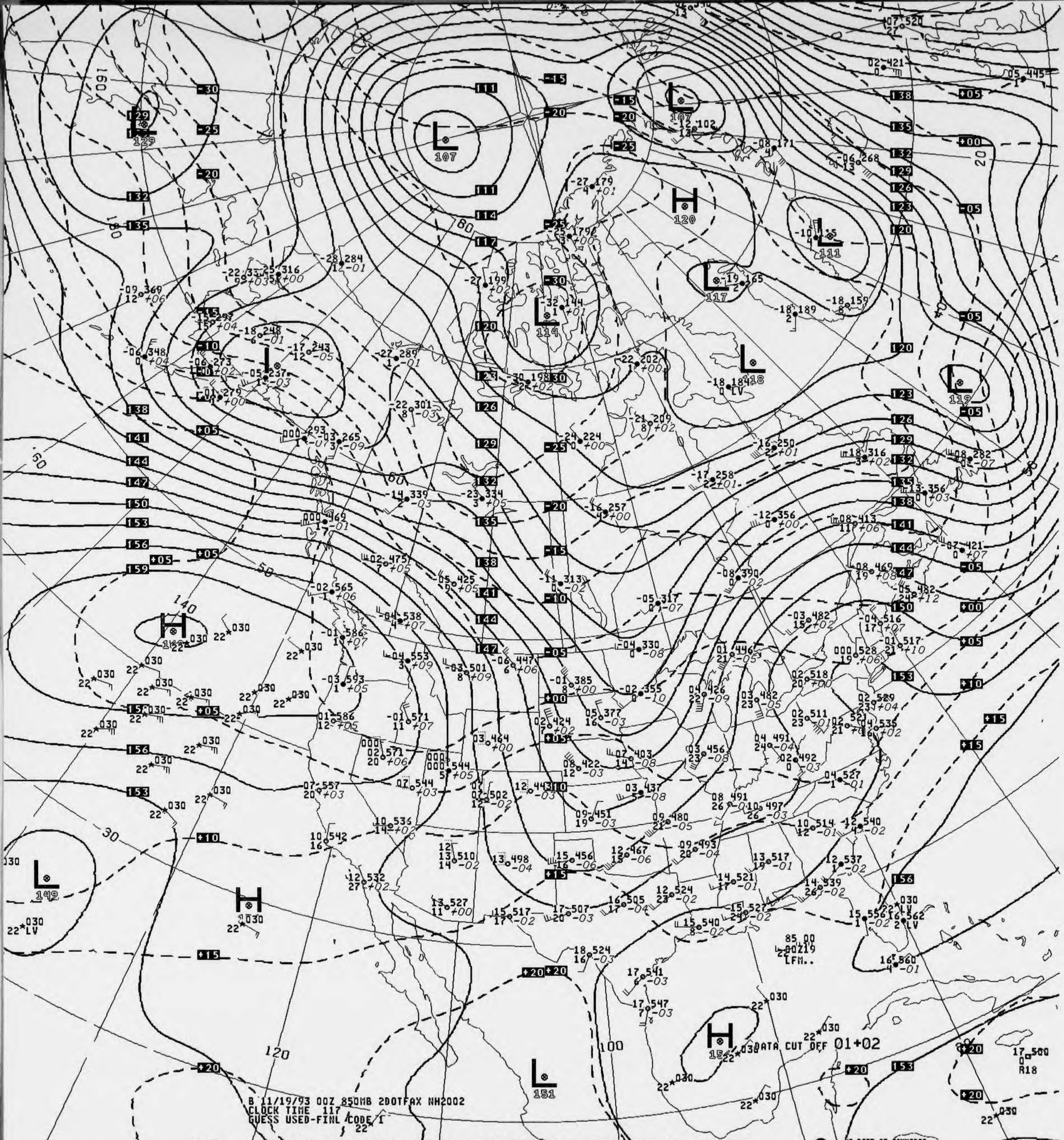
12Z18
LFM..
DATA CUT OFF 01+10

B 11/18/93 12Z 850MB ZJOTFAX NH2002
CLOCK TIME 1327
GUESS USED-FINL CODE 1

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 18 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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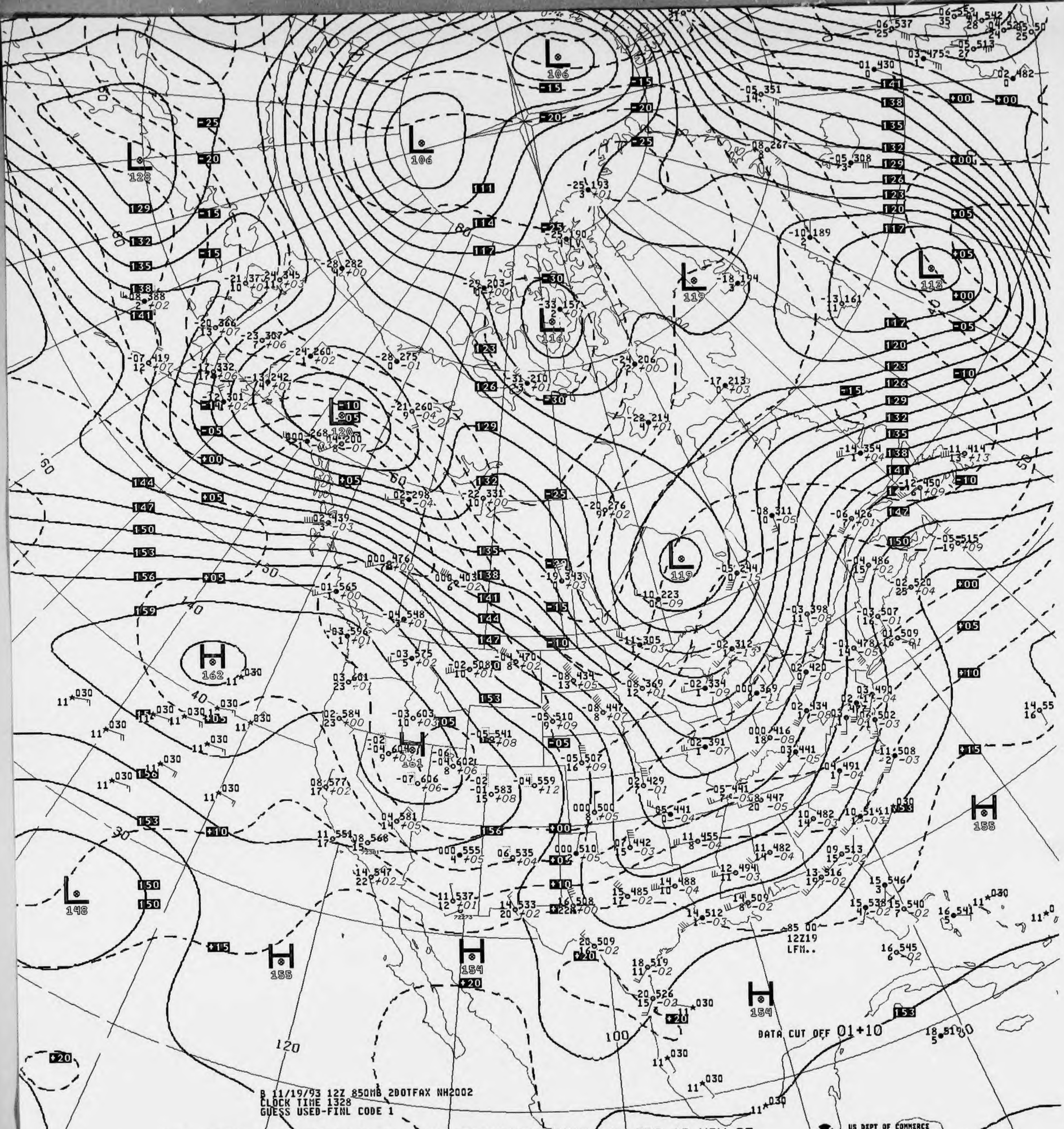
B 11/19/93 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 117
GUESS USED-FINL CODE I

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 19 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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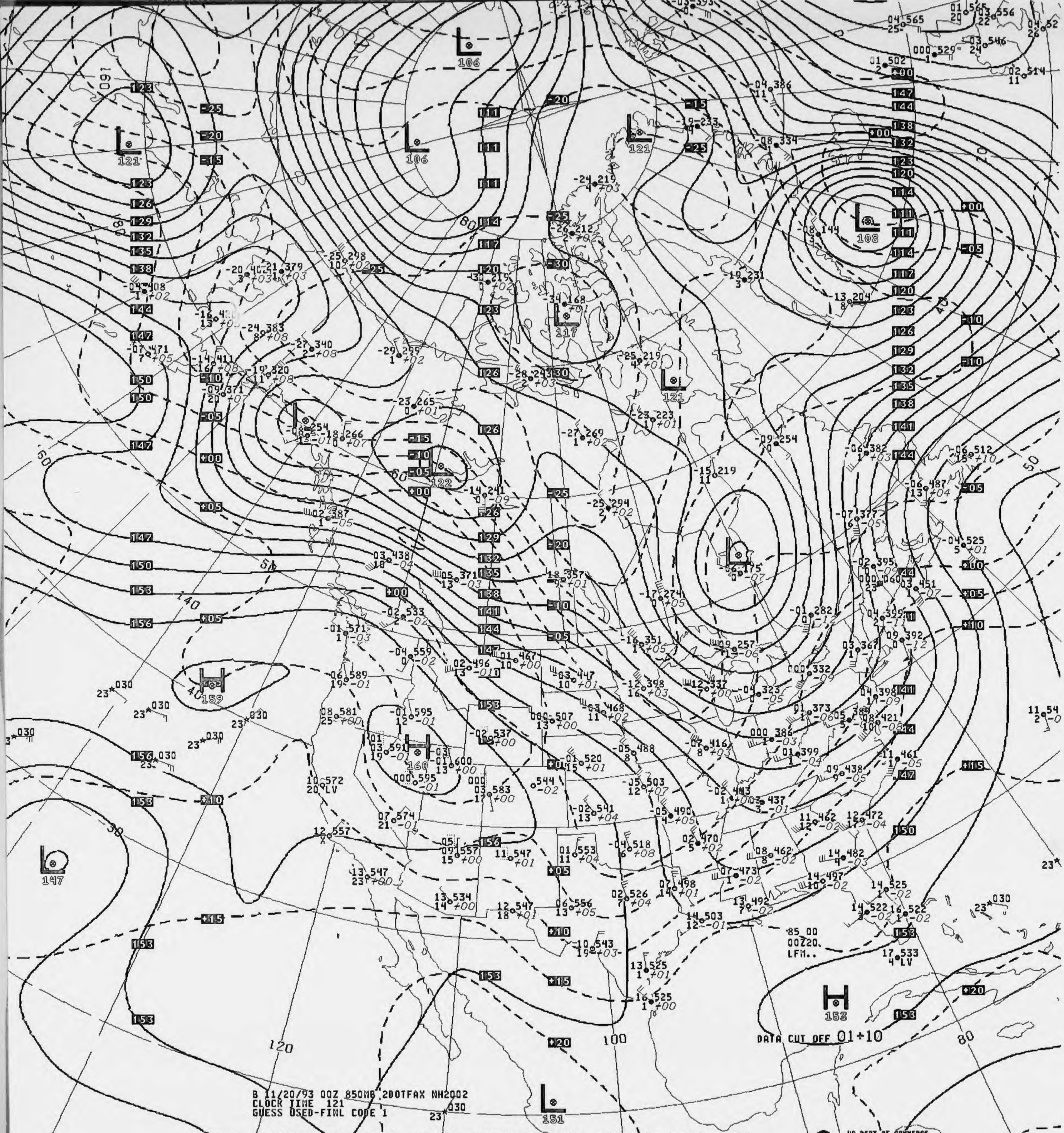
L 106
L 106
L 116
L 119
L 113
L 120
L 119
H 162
H 161
L 148
H 155
H 154
H 154
H 155
85 00
12Z19
LFM..
DATA CUT OFF 01+10

B 11/19/93 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1328
GUESS USED-FINL CODE 1

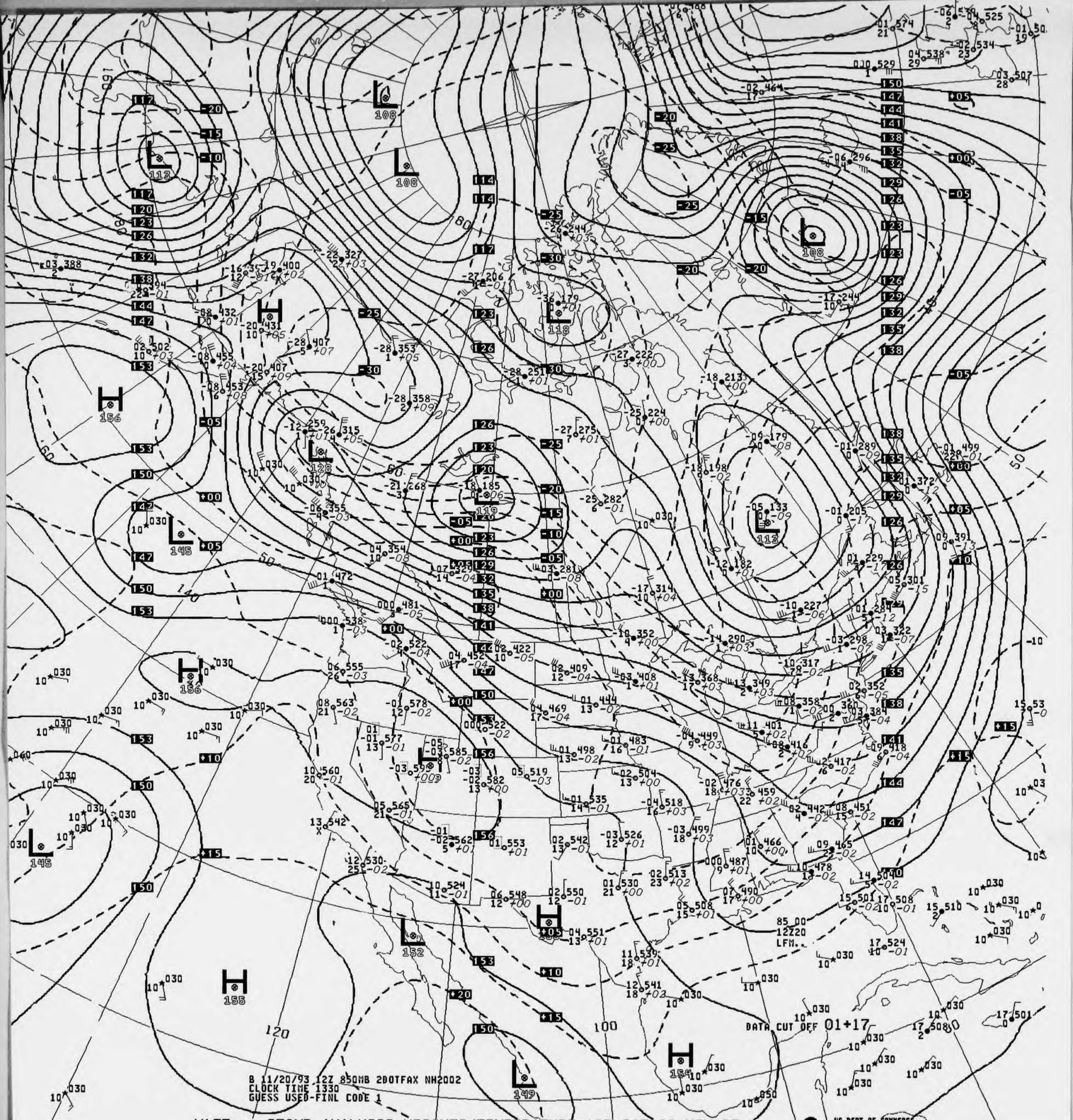
030 V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 19 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

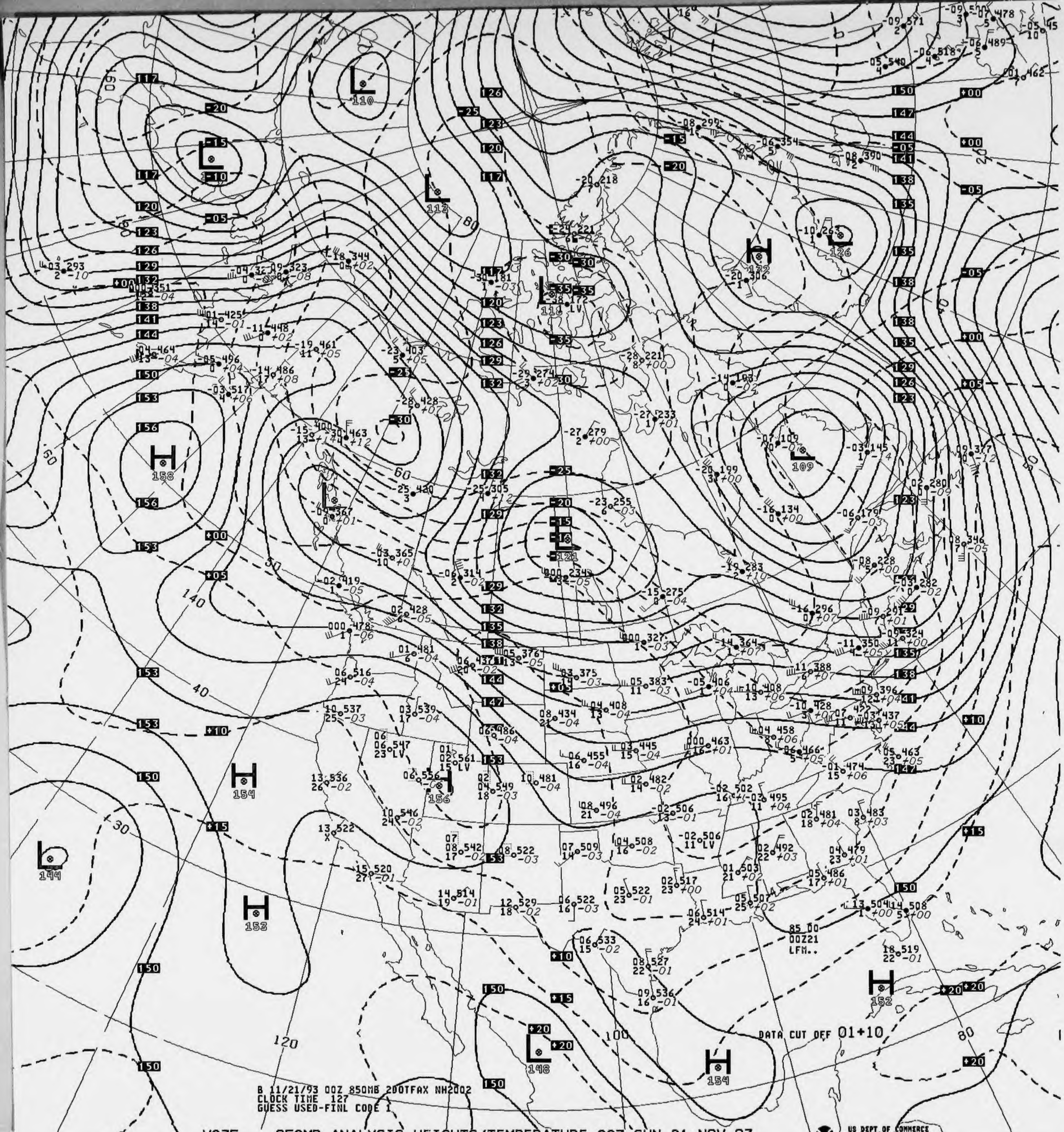

B 11/20/93 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 121
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
85 00
00Z20.
LFM..

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 20 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/20/93 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1330
GUESS USED-FINL CODE 1
DATA CUT OFF 01+17
85 00
12Z20
LFM.
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 20 NOV 93



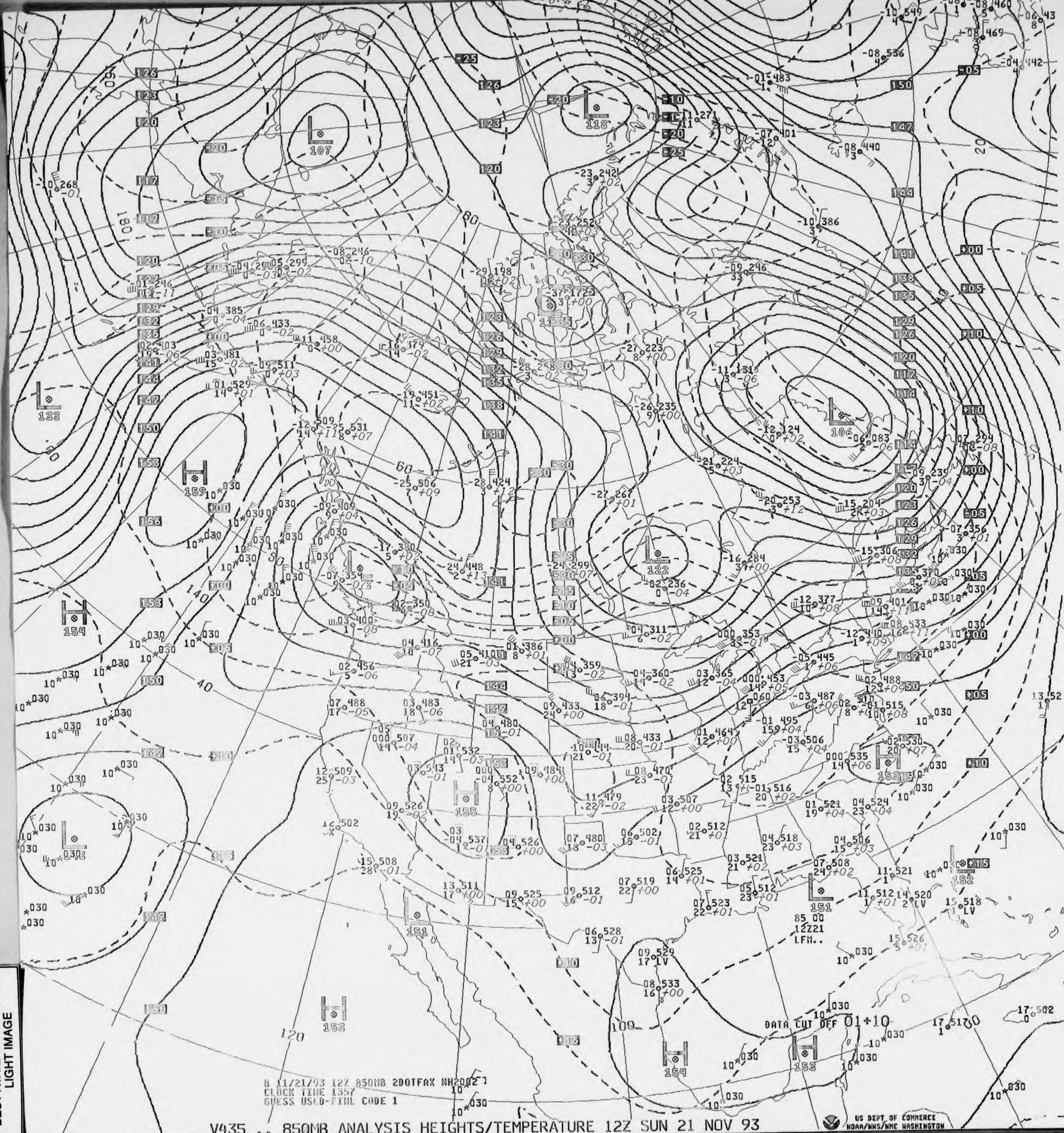
DATA CUT OFF 01+10
85 00
00Z21
LFM..

B 11/21/93 00Z 850MB 200TFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE I

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 21 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

BEST AVAILABLE RECORD
LIGHT IMAGE


B 11/21/93 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1357
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
85 00
12221
LFM..
L 107
L 118
L 133
H 159
L 135
L 106
L 122
H 154
H 155
L 152
L 151
L 151
H 152
H 154
H 153
L 152
60
80
140
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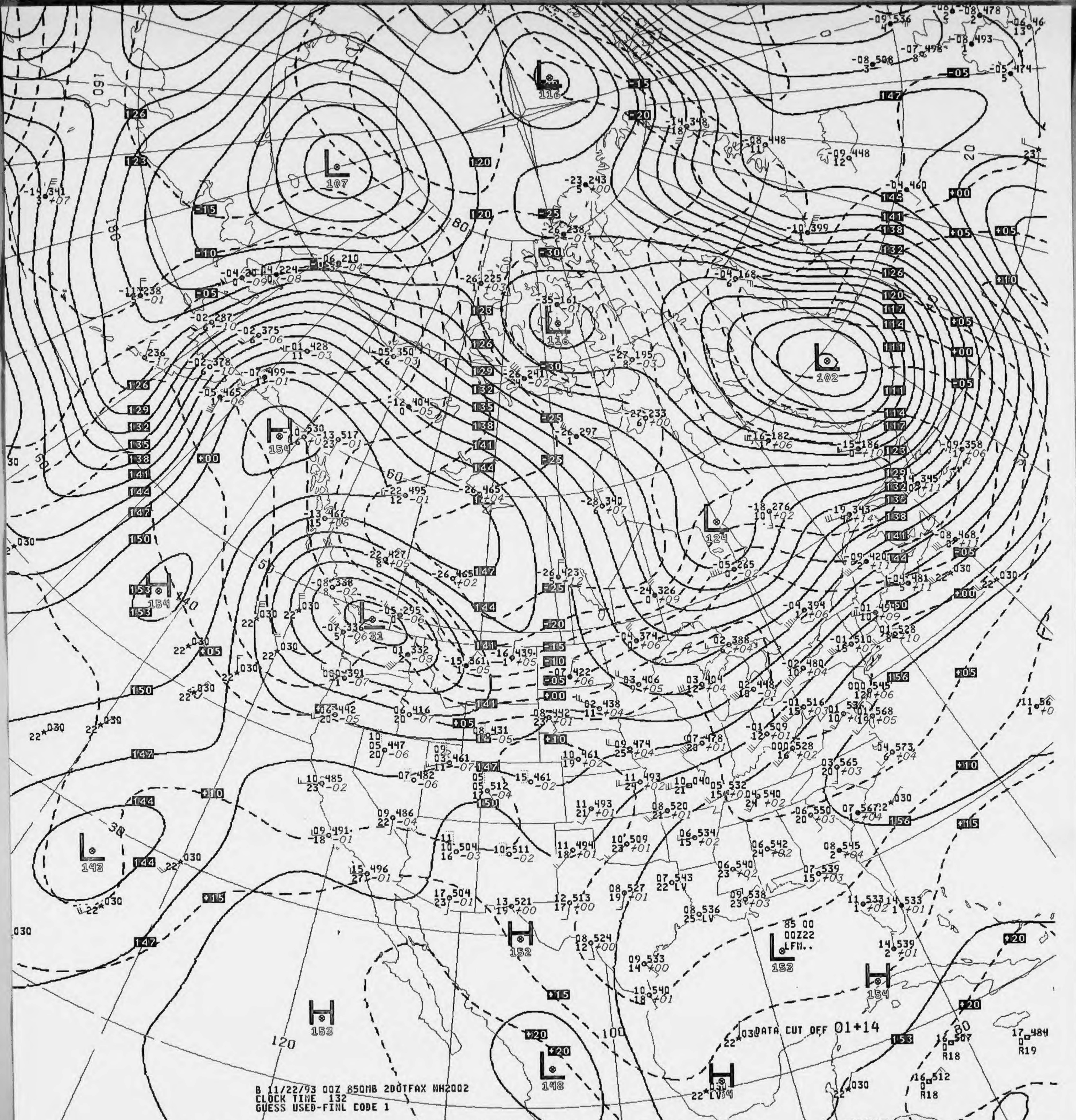
20

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 21 NOV 93

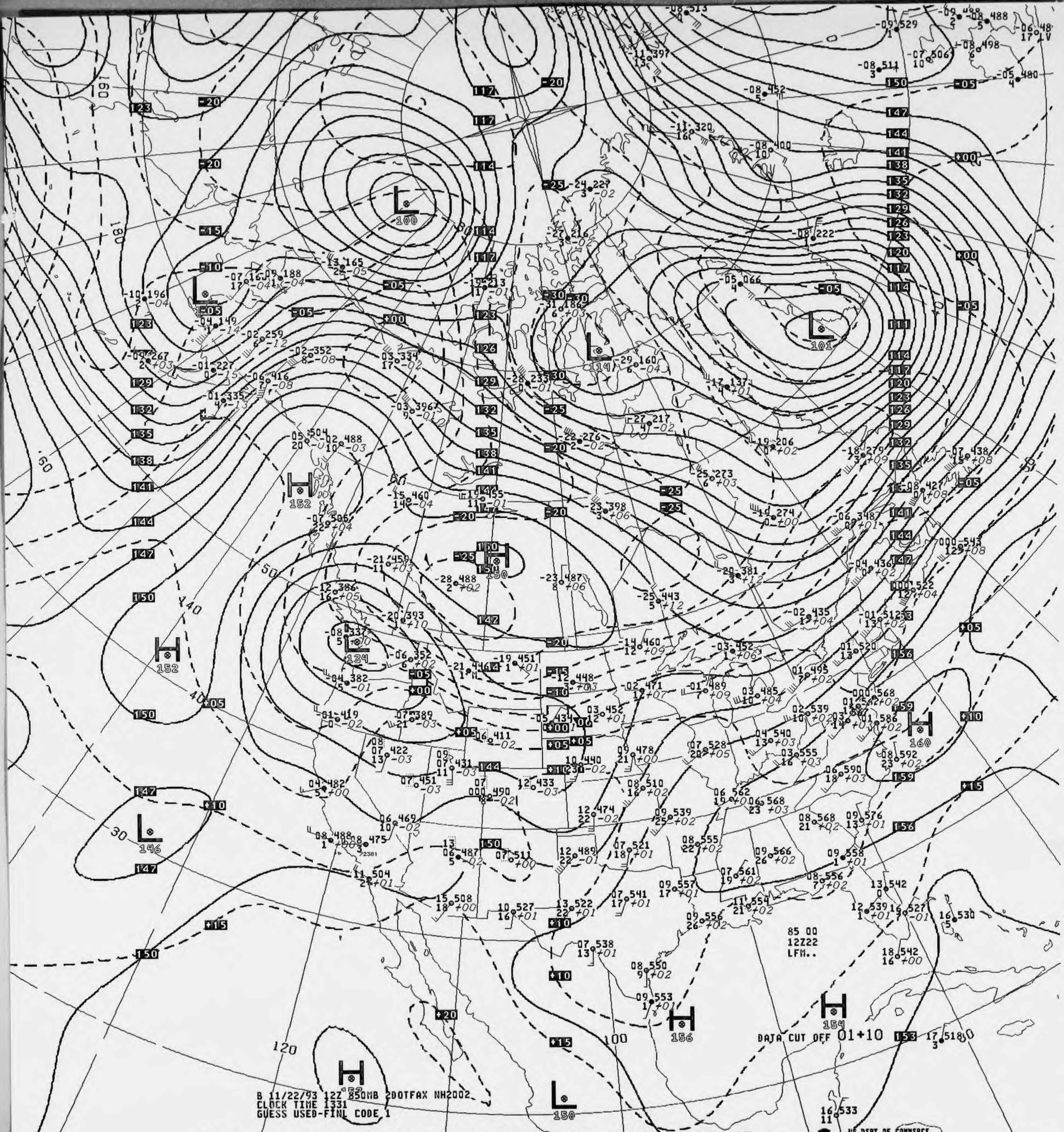
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 107
L 116
L 116
L 102
L 124
H 154
H 154
L 131
L 143
H 152
L 153
H 154
H 153
L 148
H 154
85 00
00Z22
LFM..
DATA CUT OFF 01+14

B 11/22/93 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 132
GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 22 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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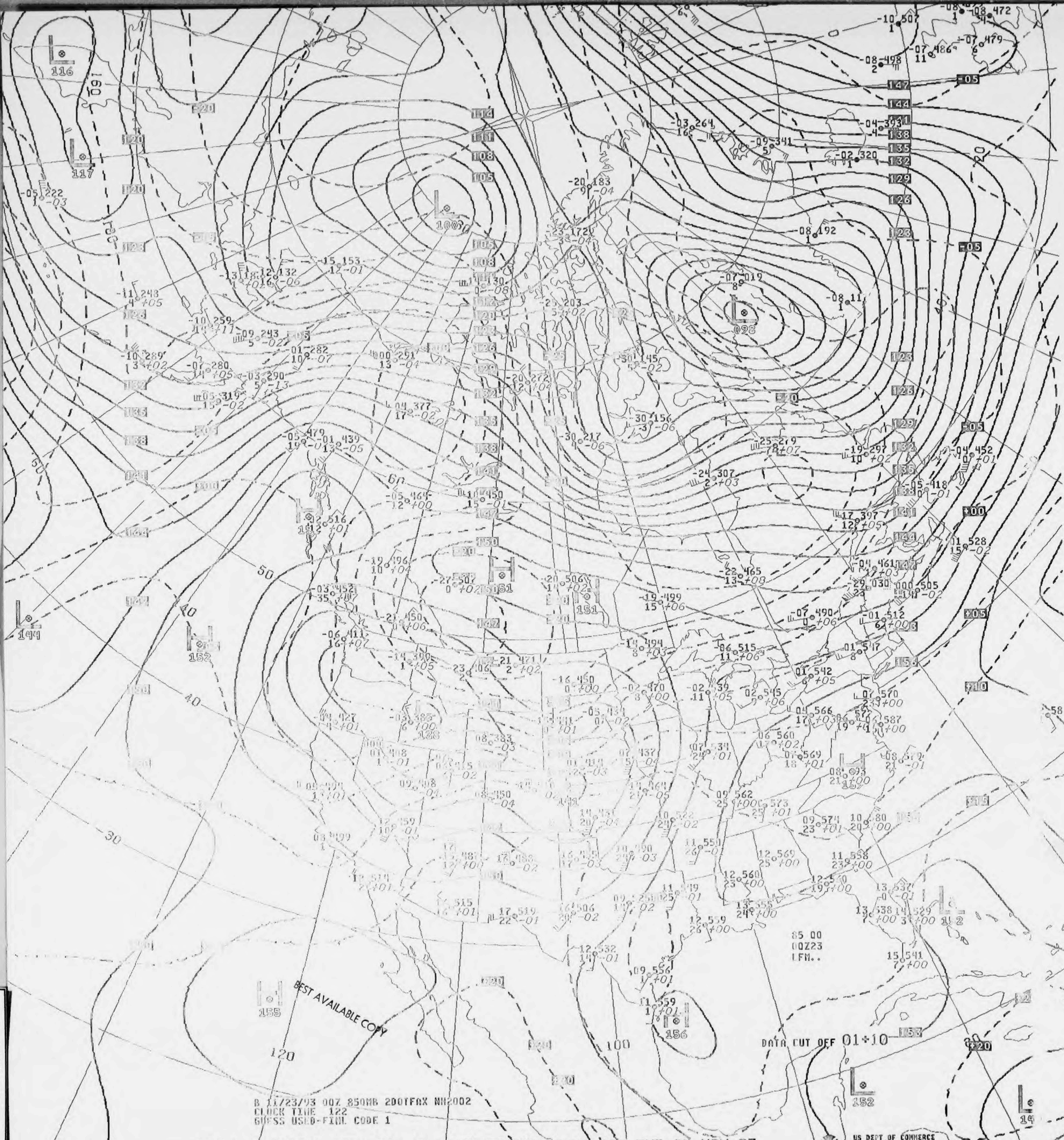
12Z22
LFM..
DATA CUT OFF 01+10
B 11/22/93 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1331
GUESS USED-FINL CODE 1
L 100
L 101
L 114
L 134
L 146
L 150
H 152
H 152
H 150
H 160
H 156
H 154

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 22 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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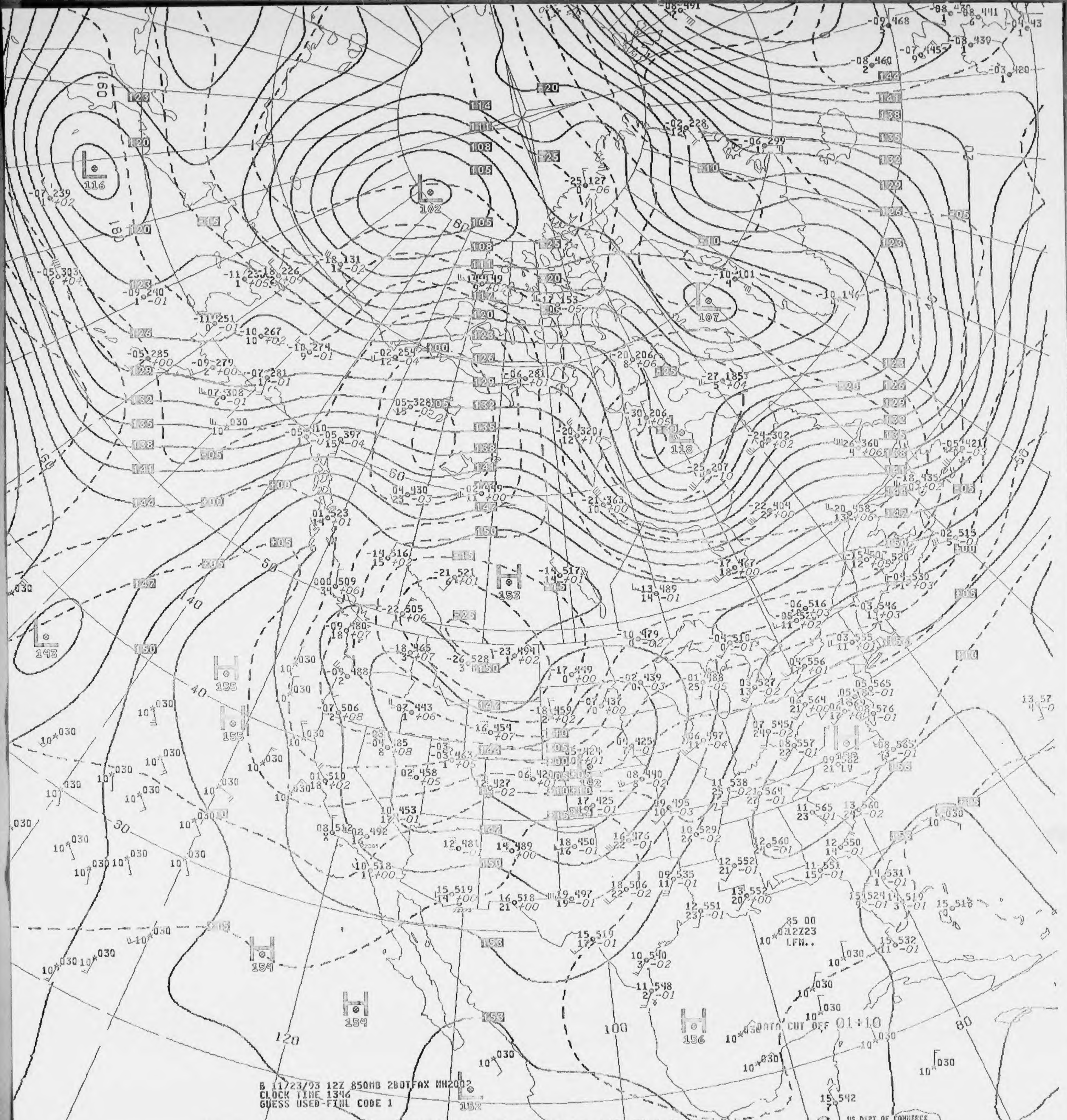
LFM..
BEST AVAILABLE COPY

B 11/23/93 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 122
GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 23 NOV 93

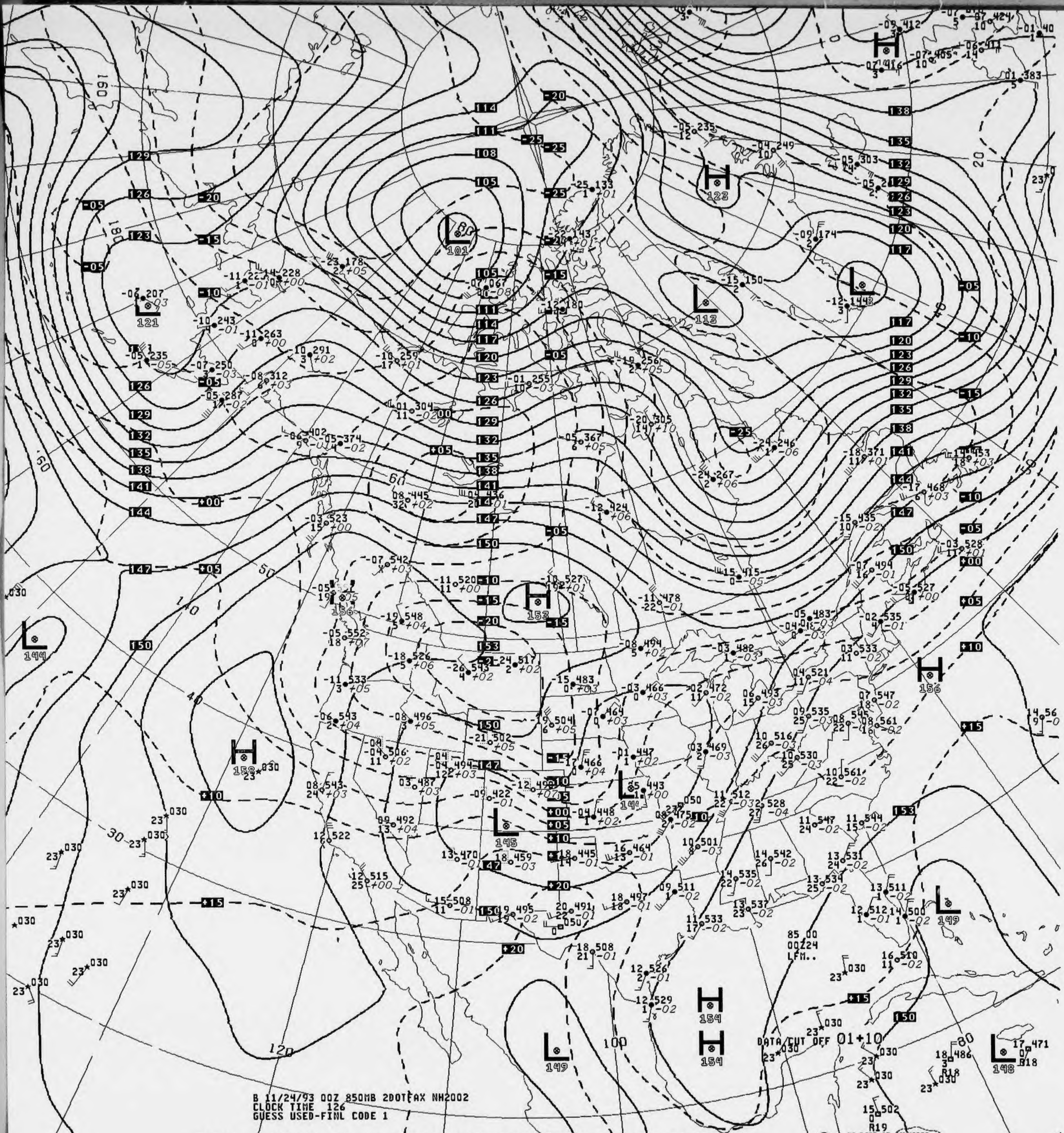
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

BEST AVAILABLE RECORD
LIGHT IMAGE


B 11/23/93 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1346
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
85 00
012Z23
LFM..
L 116
L 102
L 107
L 118
L 143
H 152
H 155
H 155
H 154
H 154
H 156
L 152
H 152
160
180
120
100
80
60
50
40
30
140

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 23 NOV 93

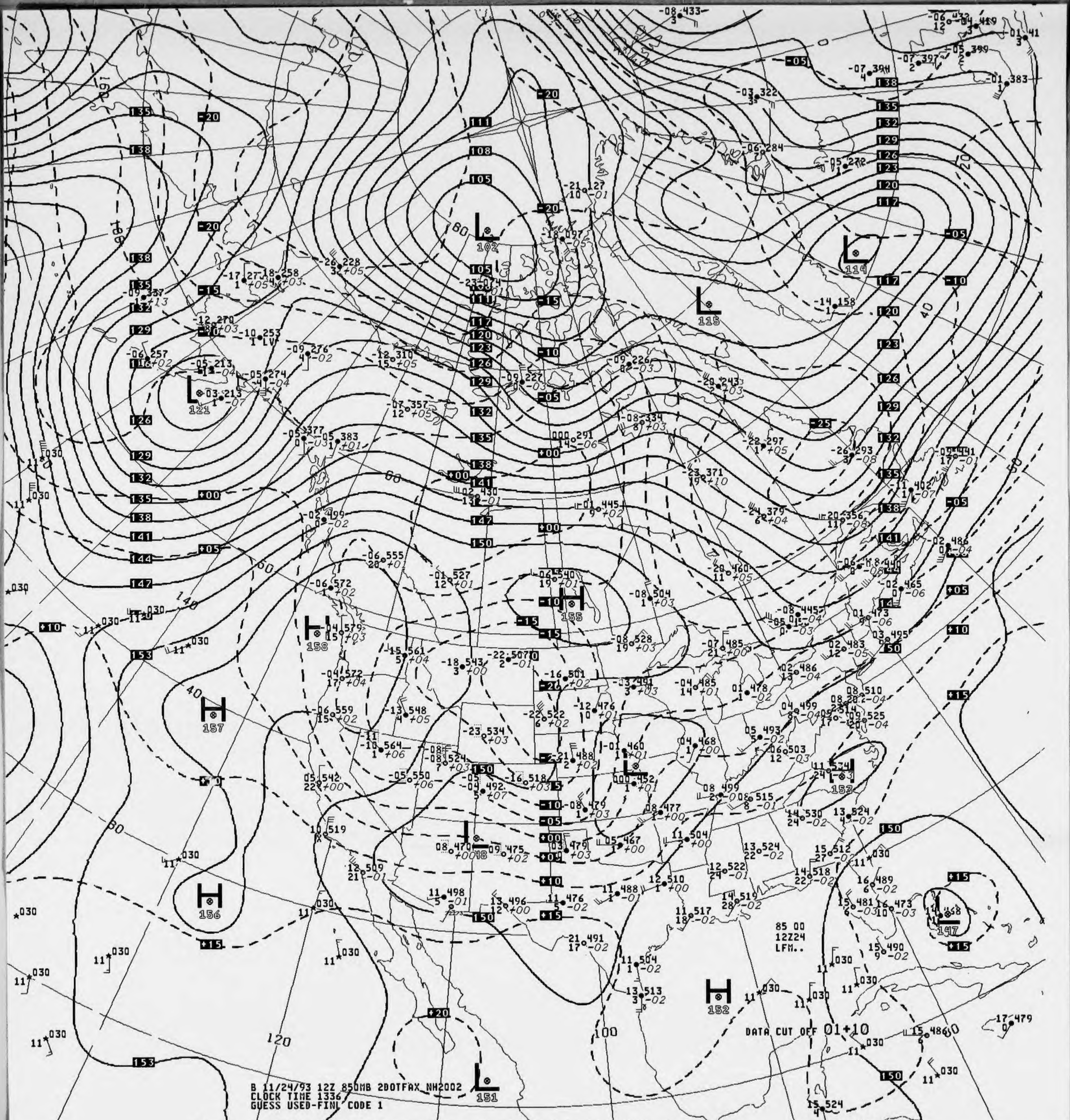
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 11/24/93 00Z 850MB 200TFAX NH2002
CLOCK TIME 126
GUESS USED-FINL CODE 1
85 00
00Z24
LFM..
DATA CUT OFF 01+10
H
123
L
101
L
113
L
144
L
121
H
152
H
156
H
158
L
145
L
149
H
154
H
154
L
149
L
148
L
140

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 24 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



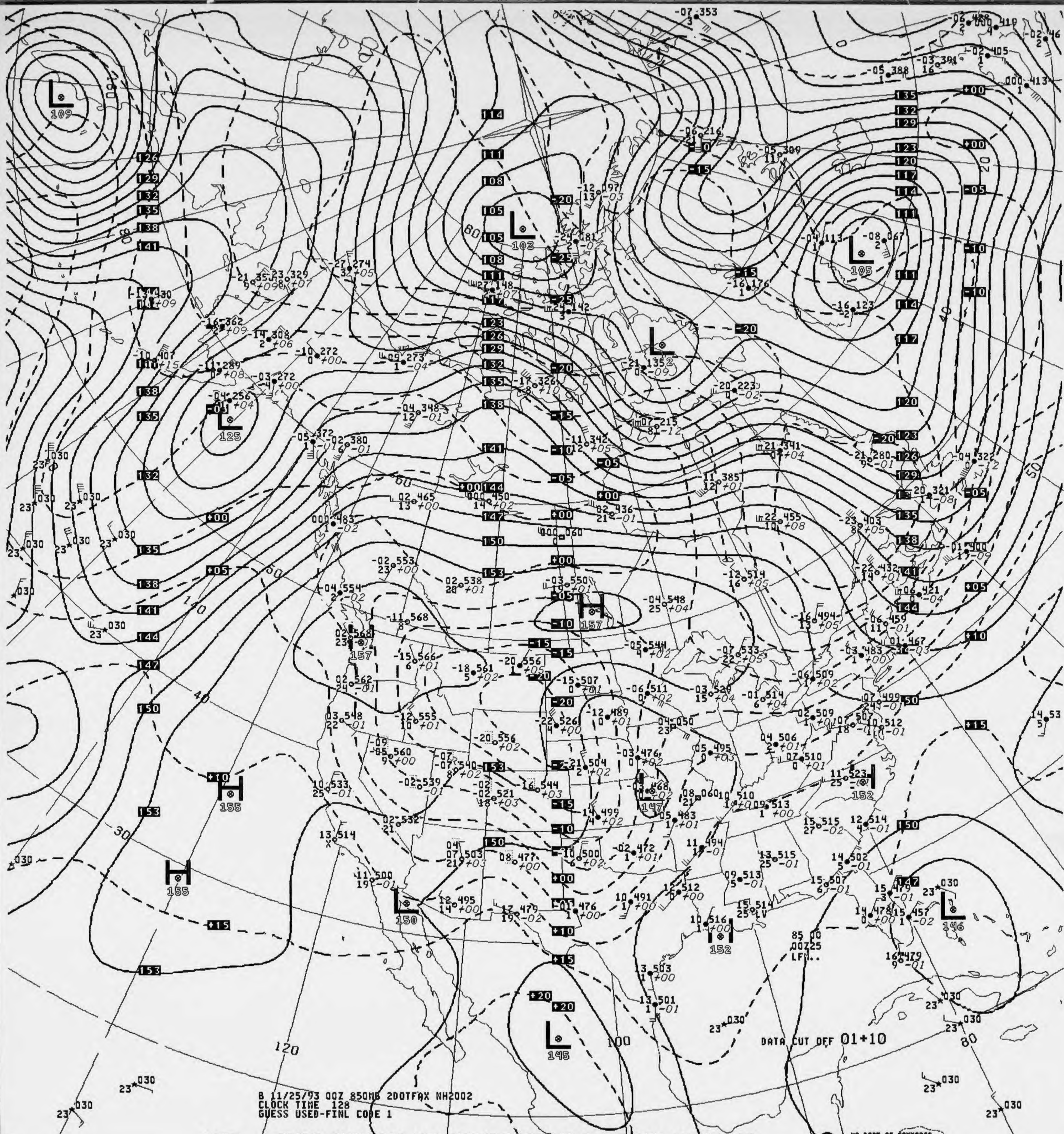
85 00
12Z24
LFM..

DATA CUT OFF 01+10

B 11/24/93 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1336
GUESS USED-FINL CODE 1

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 24 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 128
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DATA CUT OFF 01+10
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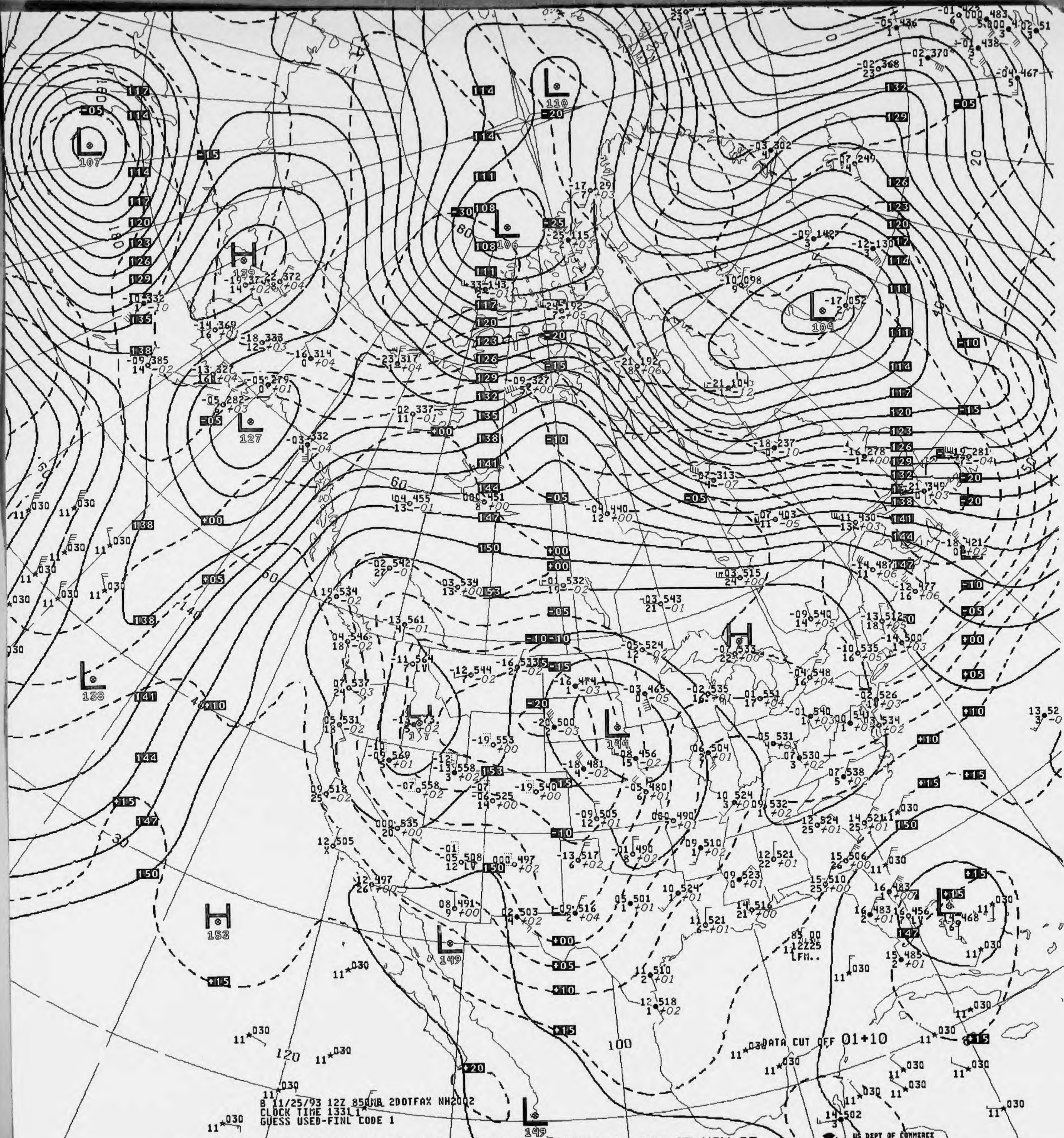
L 109
L 103
L 105
L 125
L 152
L 150
L 146
L 145
H 157
H 157
H 155
H 155
H 147
H 152
H 152
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 25 NOV 93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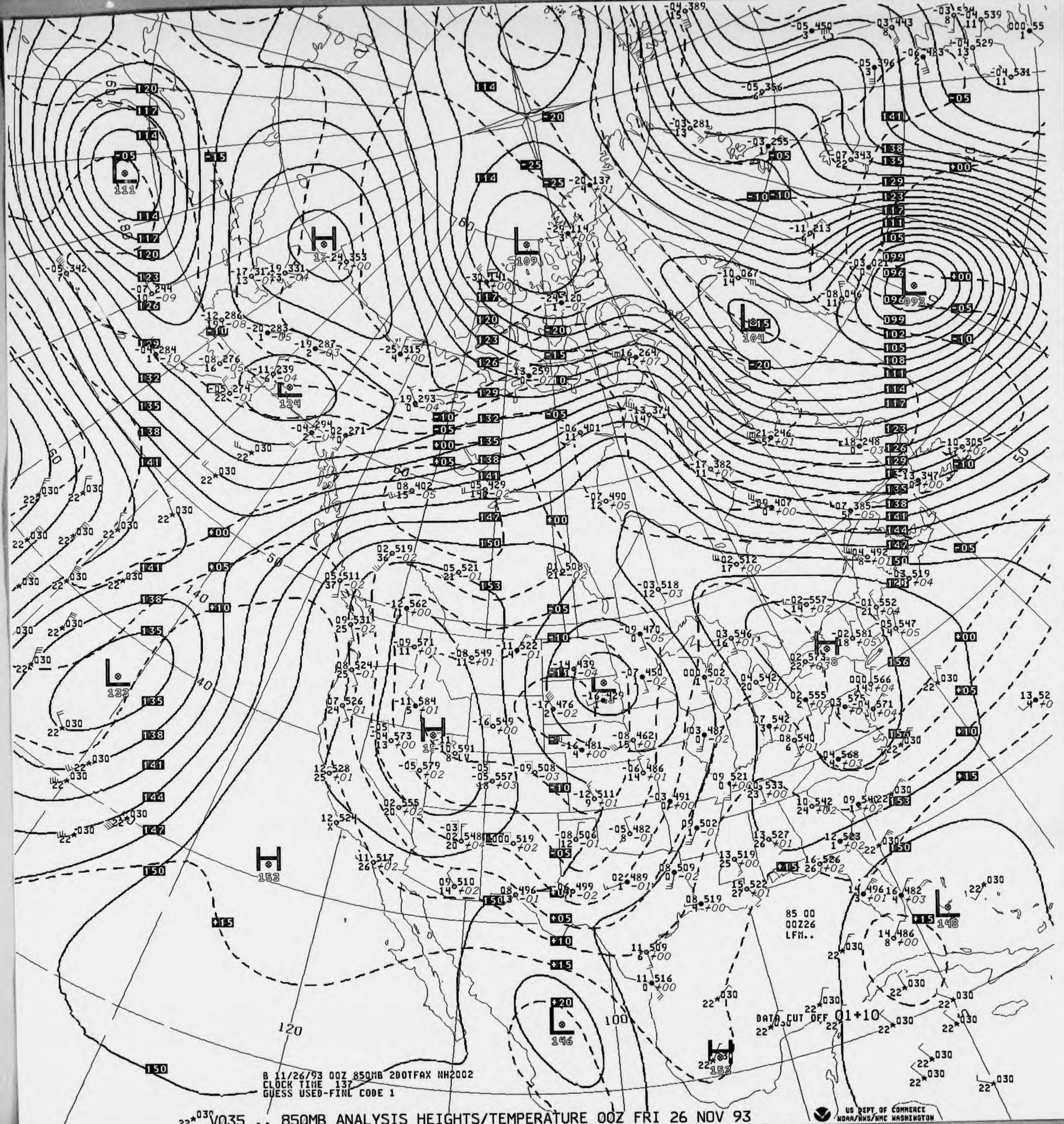
CLOCK TIME 1331
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
L 107
L 110
L 106
H 129
L 127
L 104
L 138
H 152
L 149
L 144
H 147

030 V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 25 NOV 93



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CLOCK TIME 137
GUESS USED-FINL CODE 1

85 00
00Z26
LFM..

DATA CUT OFF 01+10

22*030 V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 26 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

L
111
H
L
109
L
104
L
093
L
124
L
133
H
152
L
146
H
153
L
148
H
L
429
H
H
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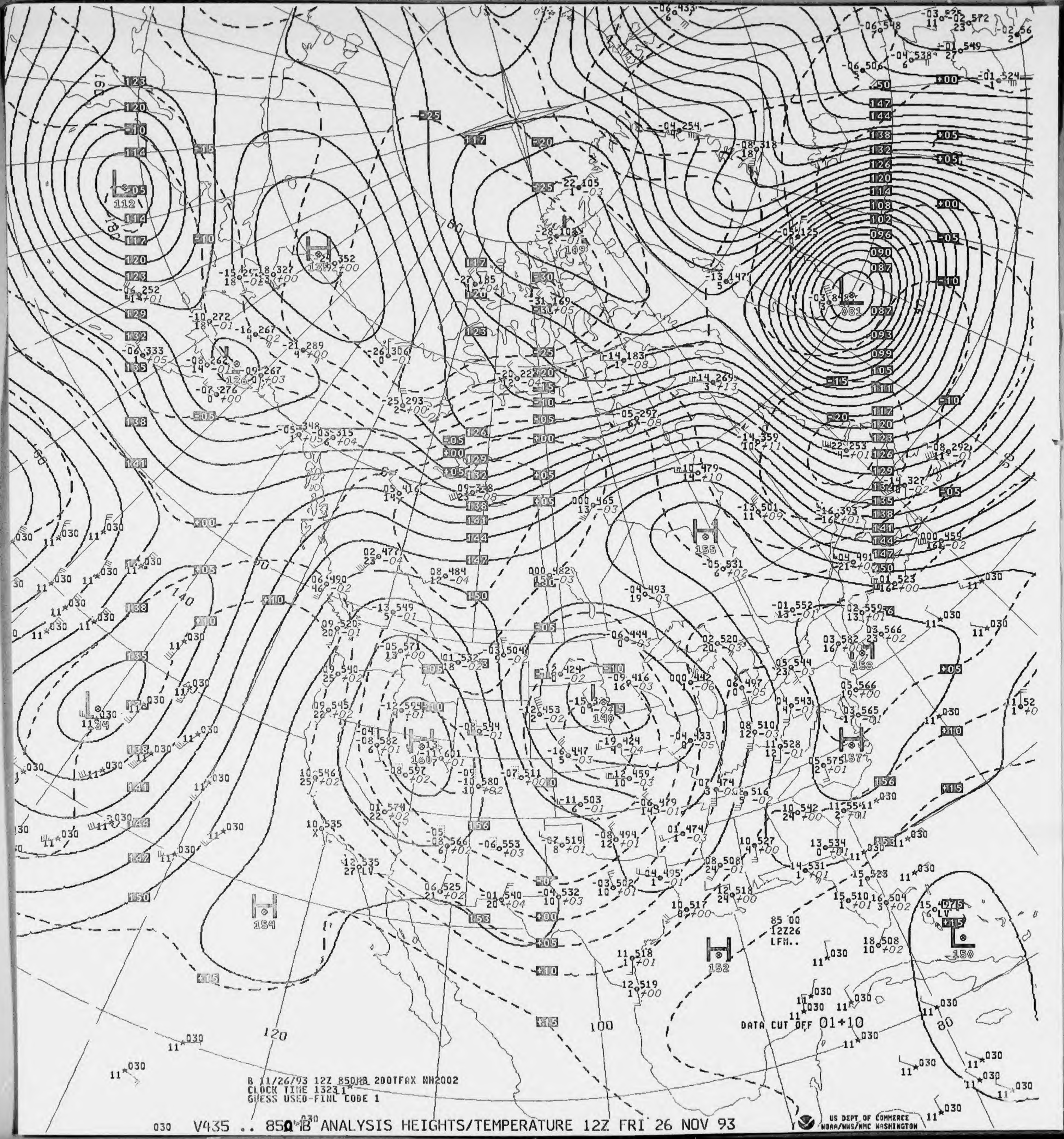
120
100
60
50
40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CLOCK TIME 1323
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
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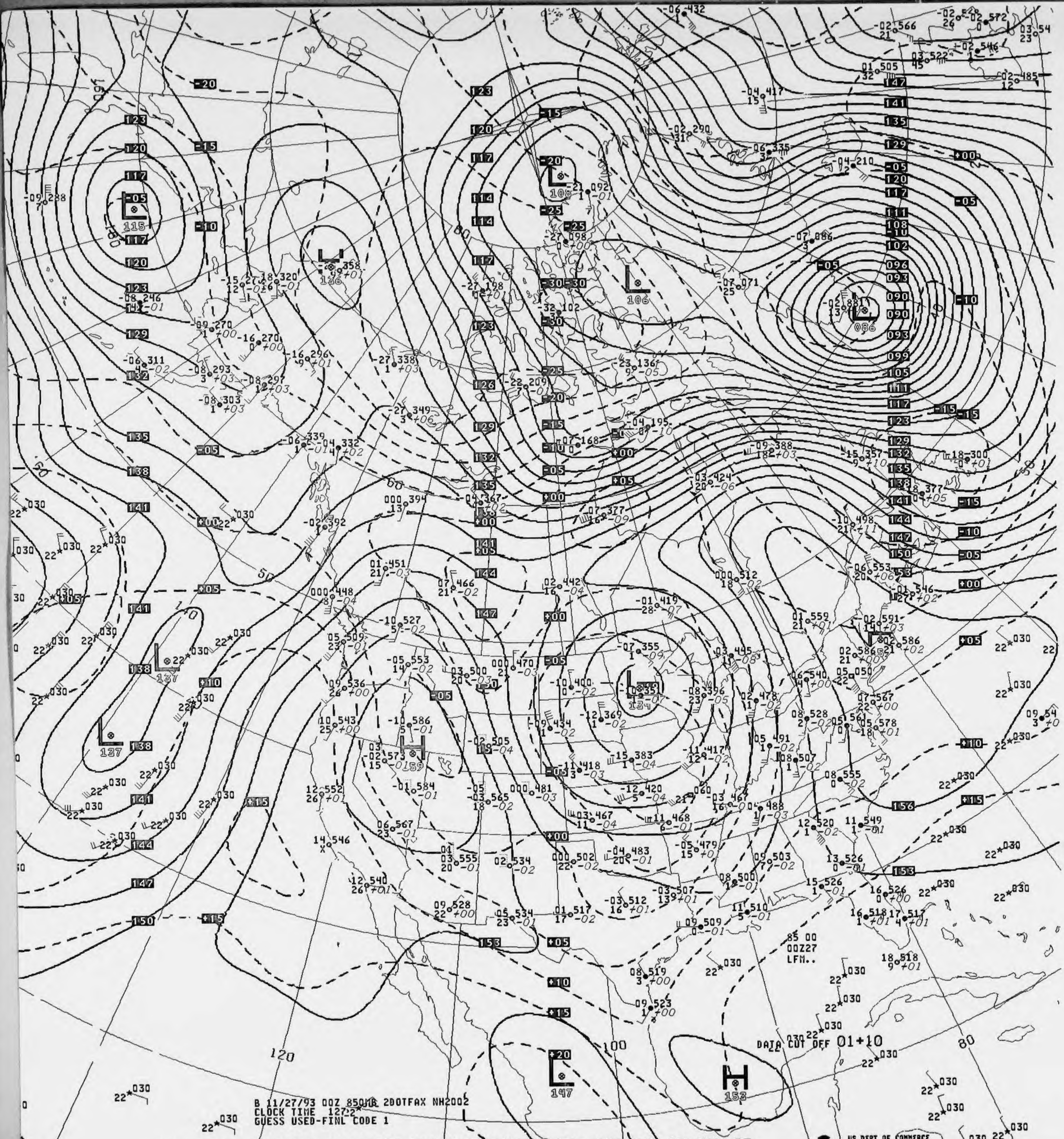
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V435 .. 850 MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 26 NOV 93



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CLOCK TIME 1272
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DATA CUT OFF 01+10
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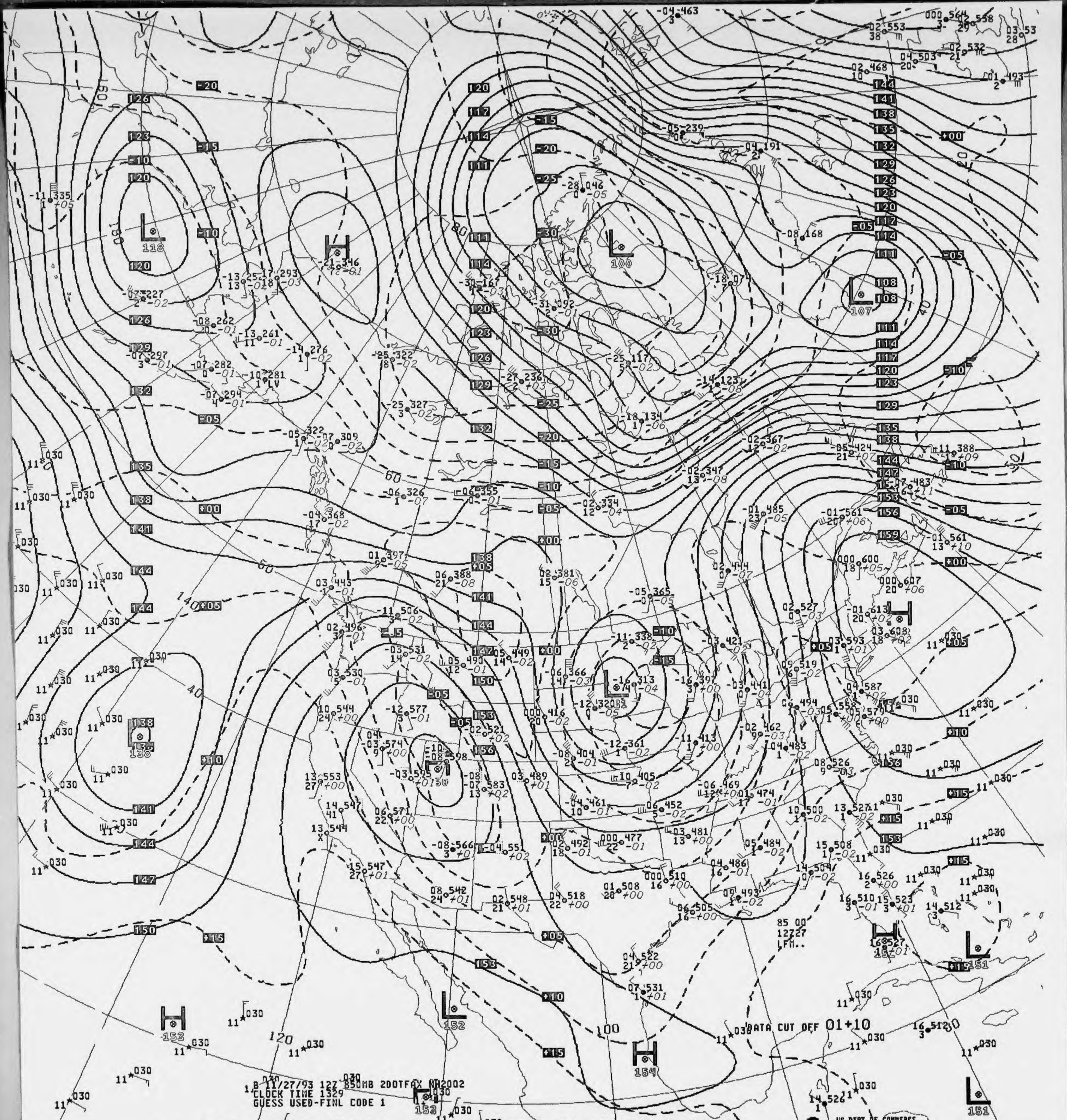
00Z27
LFM..
L
115
L
106
L
108
L
086
L
137
L
137
L
134
L
147
H
136
H
159
H
153
120
100
80
60
50

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 27 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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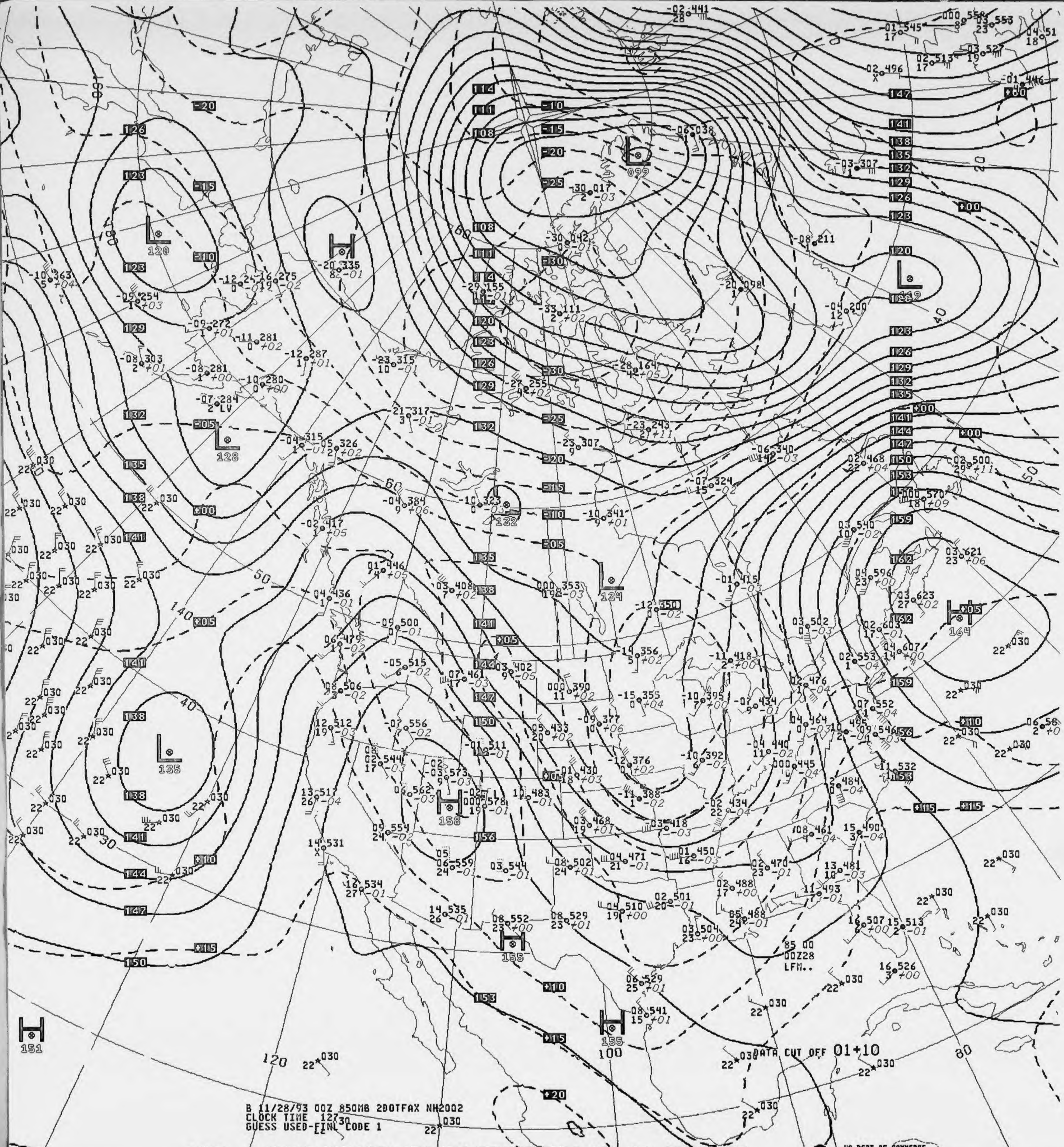
12Z27
LFM..
DATA CUT OFF 01+10
1.B 11/27/93 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1329
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

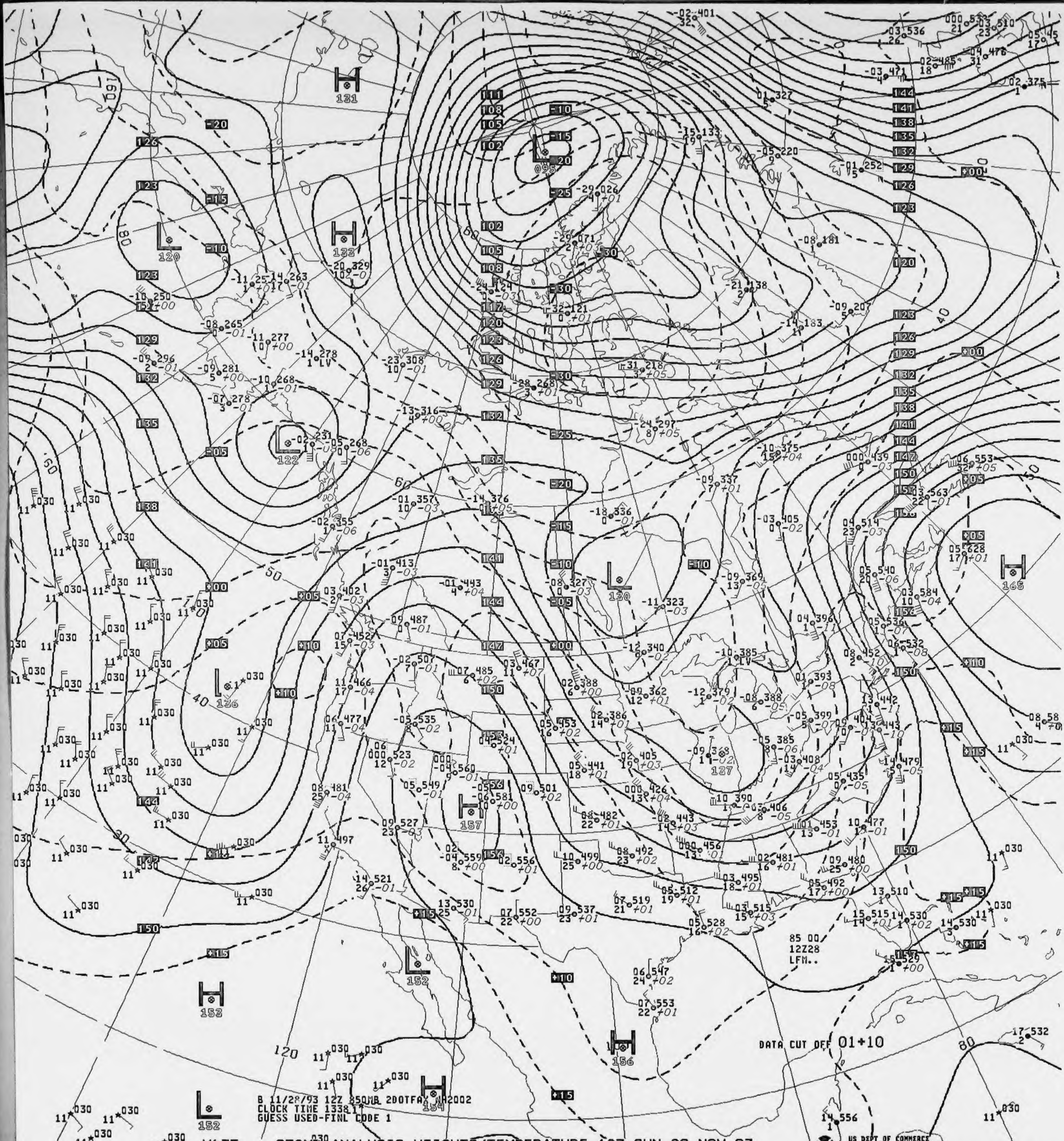
030 V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 27 NOV 93


L 120
H
L 099
L 119
L 128
L 132
L 134
H 164
H 158
L 135
H 155
H 155
H 151
DATA CUT OFF 01+10
85 00
00Z28
LFM..

B 11/28/93 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 1273
GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 28 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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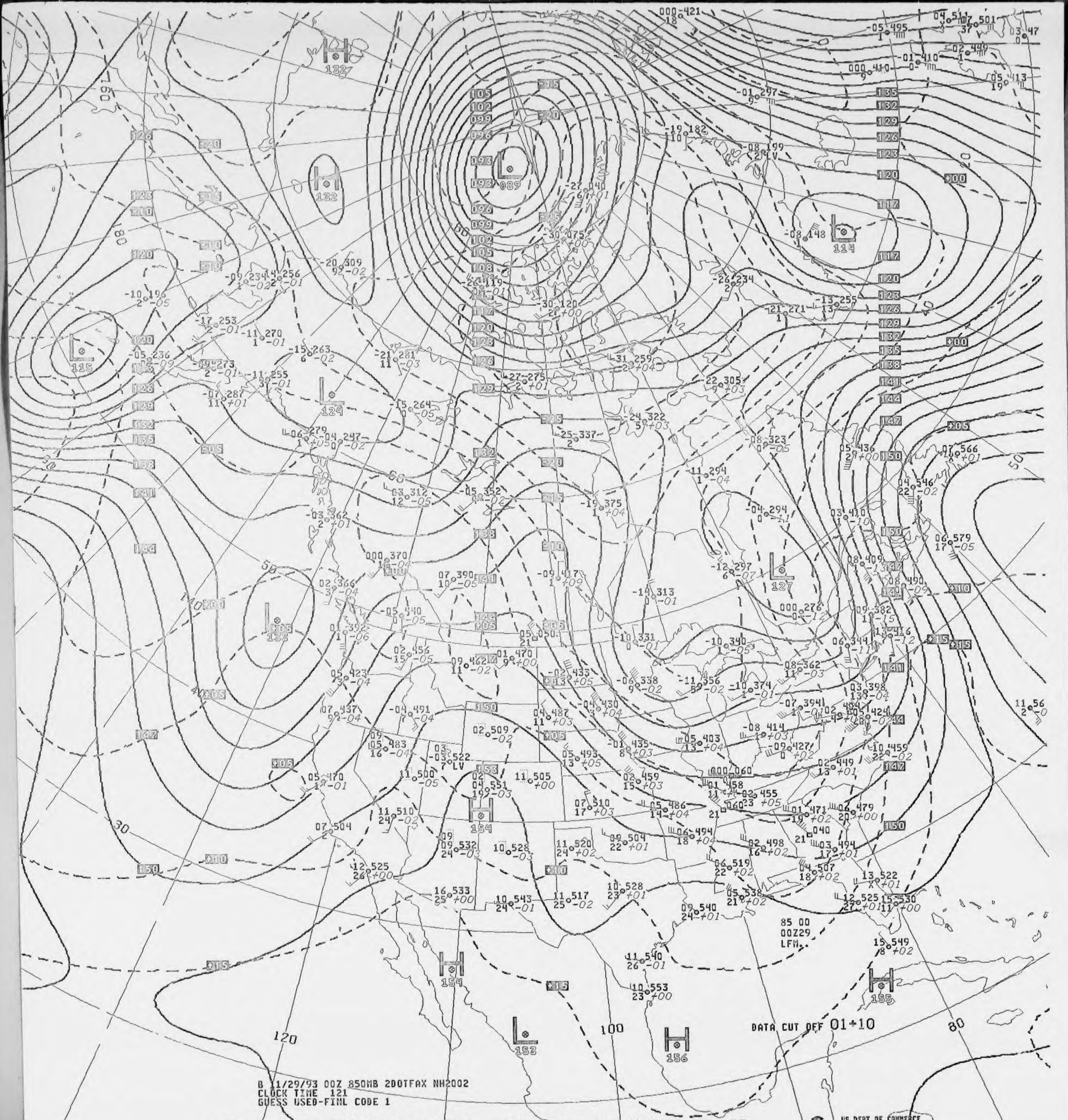
LFM..
B 11/28/93 12Z 850MB 2DOTFAX NA2002
CLOCK TIME 1338
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 28 NOV 93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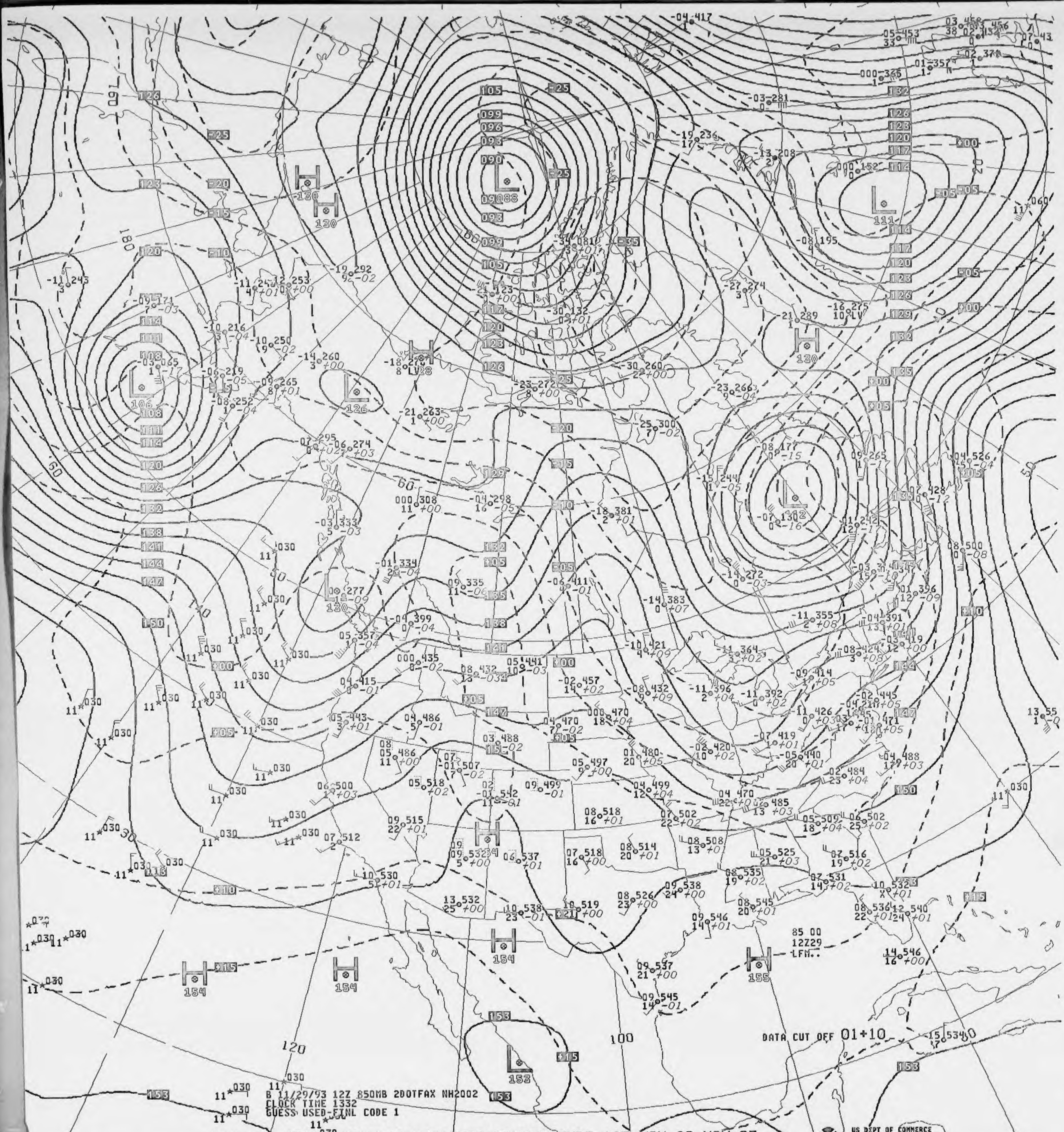
H 132
L 115
L 129
L 089
L 114
L 127
H 133
H 154
H 154
L 153
H 156
H 155
160
180
60
50
40
30
120
100
80
140
50
40
20
85 00
00Z29
LFM..

DATA CUT OFF 01+10

B 11/29/93 00Z 850MB 2D0TFAX NH2002
CLOCK TIME 121
GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 29 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 1332
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
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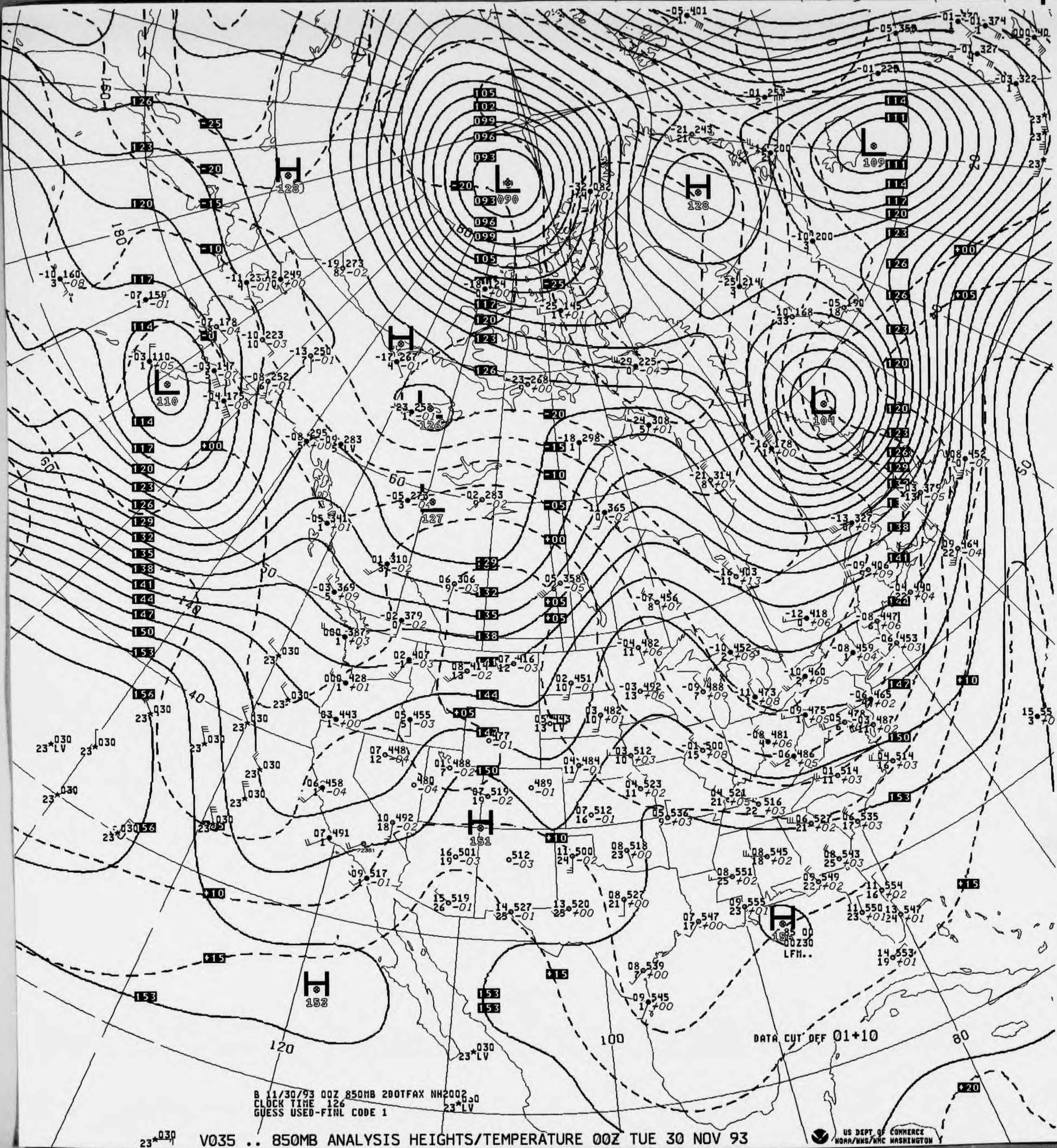
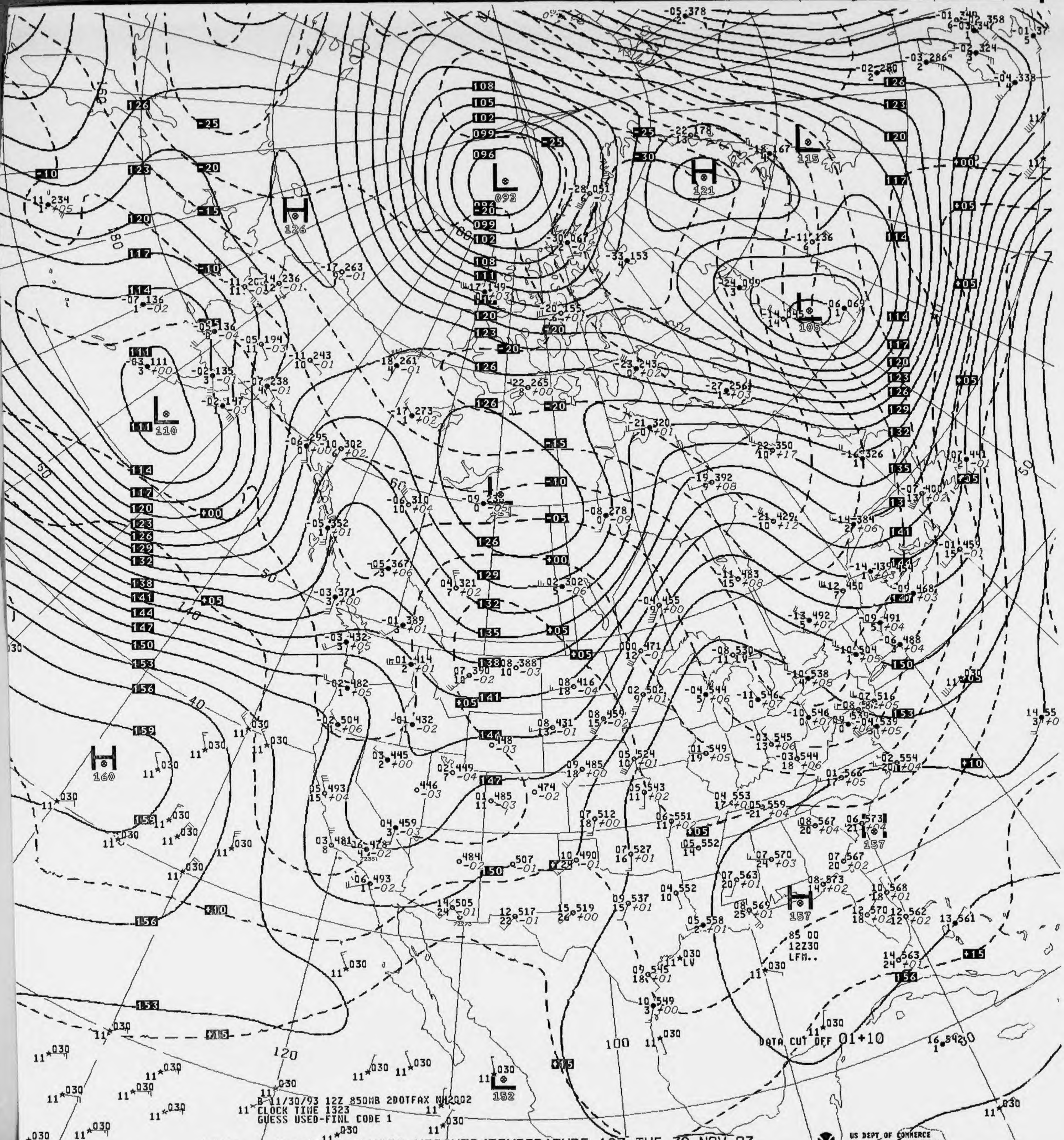
12Z29
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V435 .. 850 MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 29 NOV 93


H 128
L 090
H 128
L 109
L 110
H
L 126
L 127
L 104
H 151
H 153
H 155
DATA CUT OFF 01+10
B 11/30/93 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 126
GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 30 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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L 093
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L 115
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L 110
H 160
L 152
H 157
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B 11/30/93 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1323
GUESS USED-FINL CODE 1
85 00
12Z30
LFM..
DATA CUT OFF 01+10
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 30 NOV 93 .

Form 48 - 381A
ev. 8 - 83)

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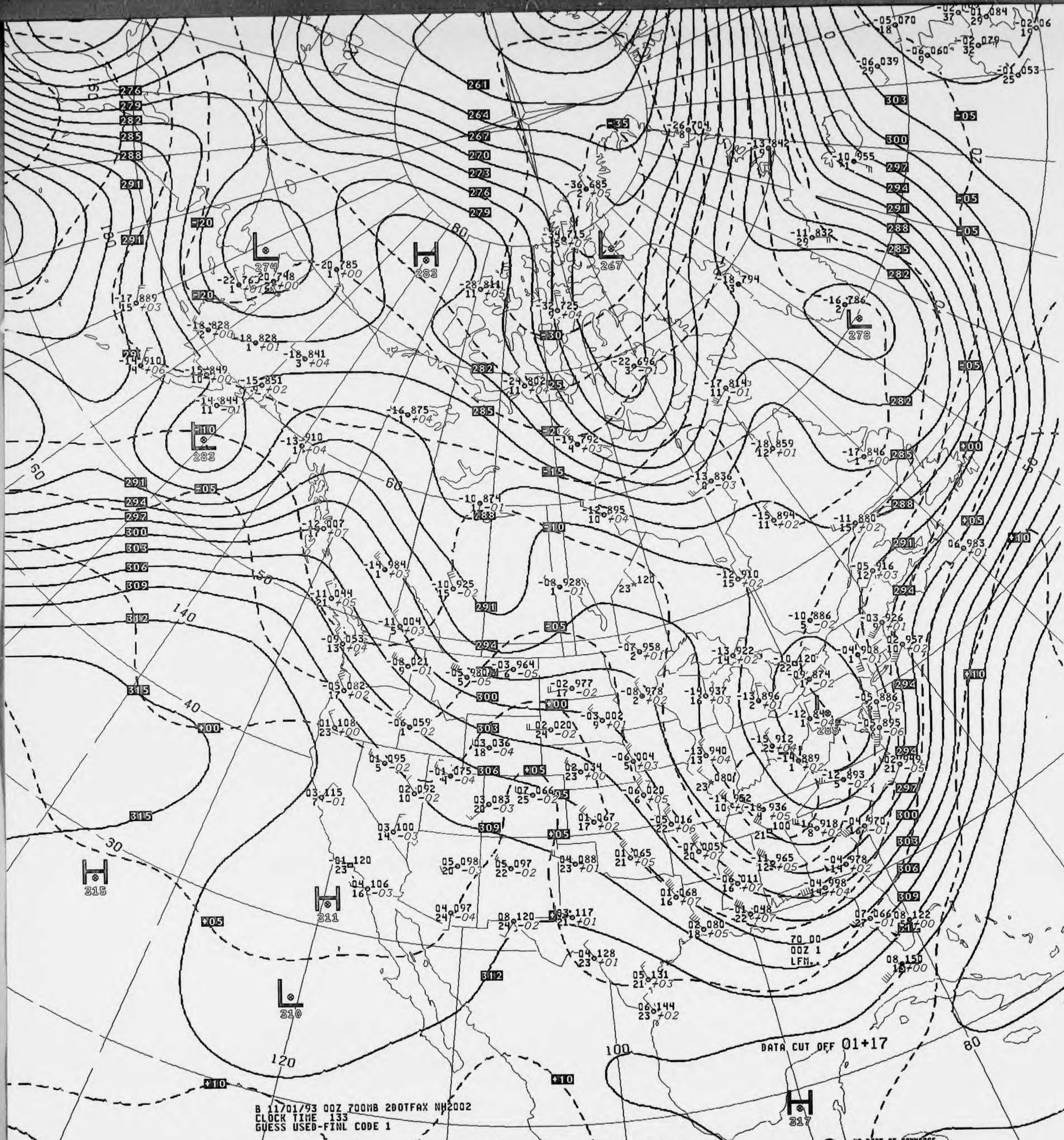
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information S
National Climatic Data Center

DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA

700 MB CONSTANT PRESSURE CHARTS

NORTH AMERICAN NMC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING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L 278
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H 315
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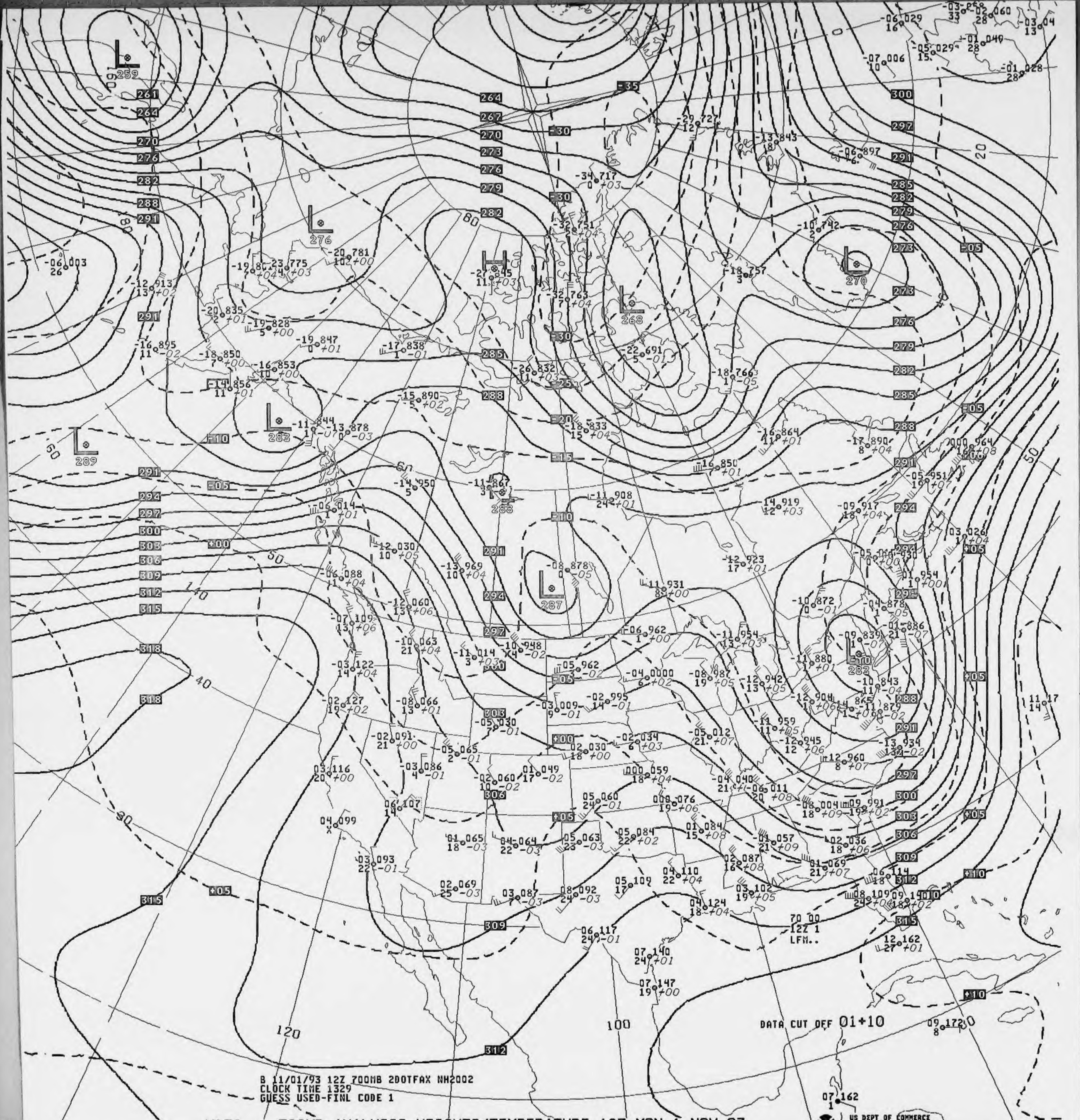
H 317
276
279
282
285
288
291
294
297
300
303
306
309
312
315
261
264
267
270
273
276
279
-35
-30
-25
-20
-15
-10
-05
+00
+05
+10
160
180
140
120
100
80
60
50
40
30
20
70 00
00Z 1
LFM
DATA CUT OFF 01+17

B 11/01/93 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 133
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 1 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

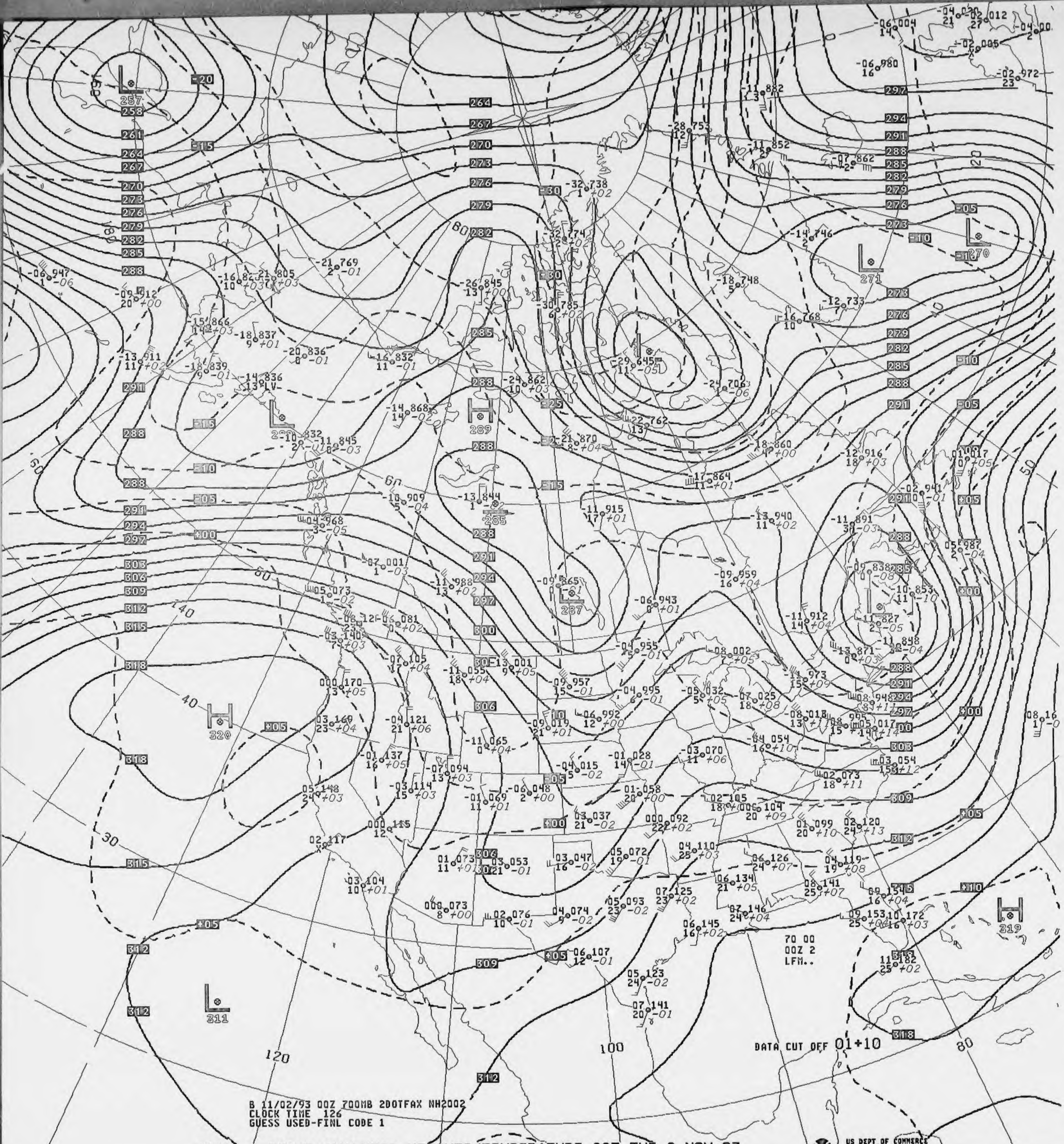


DATA CUT OFF 01+10
70 00
12Z 1
LFM..

B 11/01/93 12Z 700MB 200TFAX NH2002
CLOCK TIME 1329
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 1 NOV 93

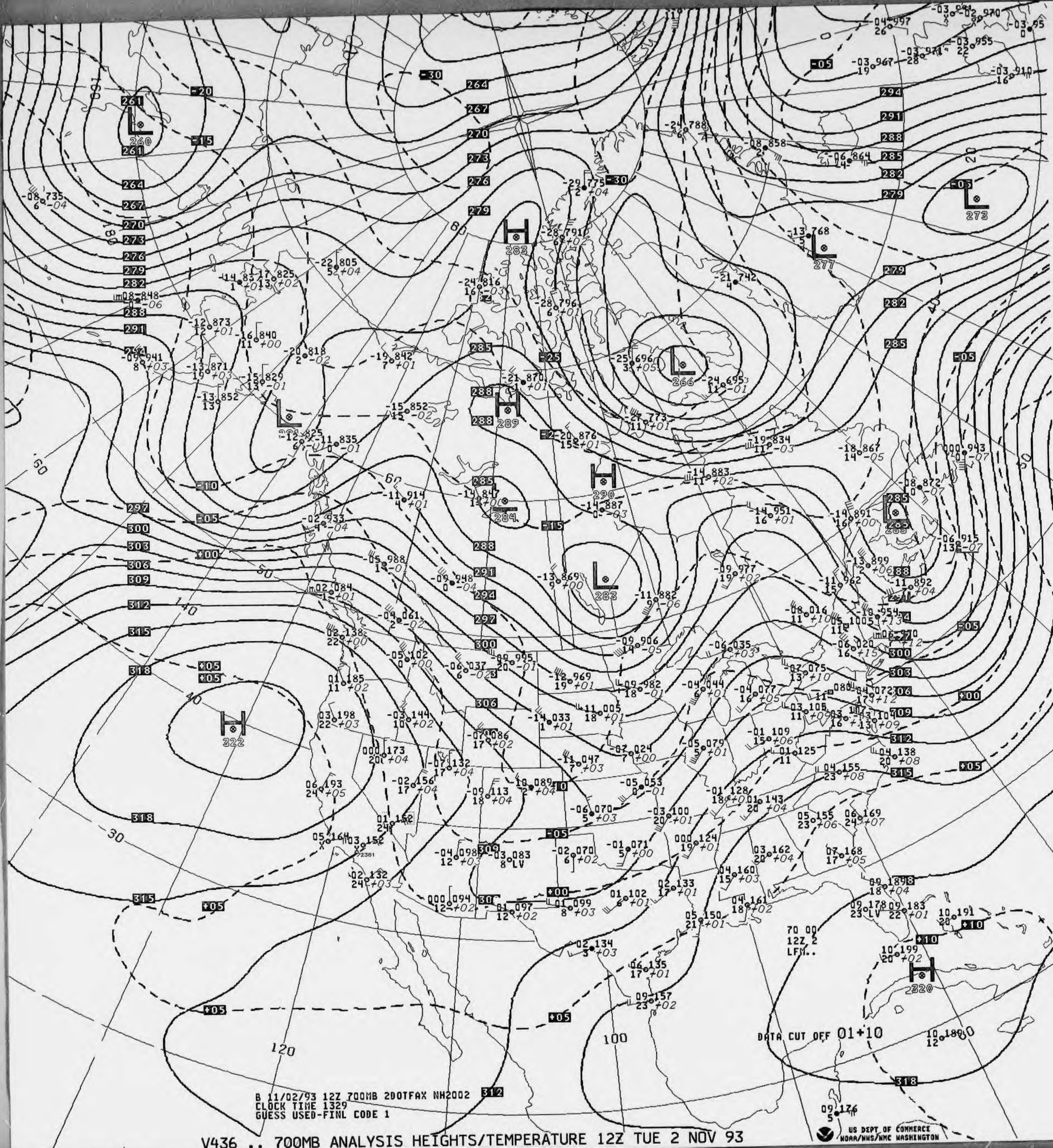
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
257
H
289
L
271
L
270
L
287
H
320
H
319
L
311
DATA CUT OFF 01+10
70 00
00Z 2
LFM..

B 11/02/93 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 126
GUESS USED-FINL CODE 1

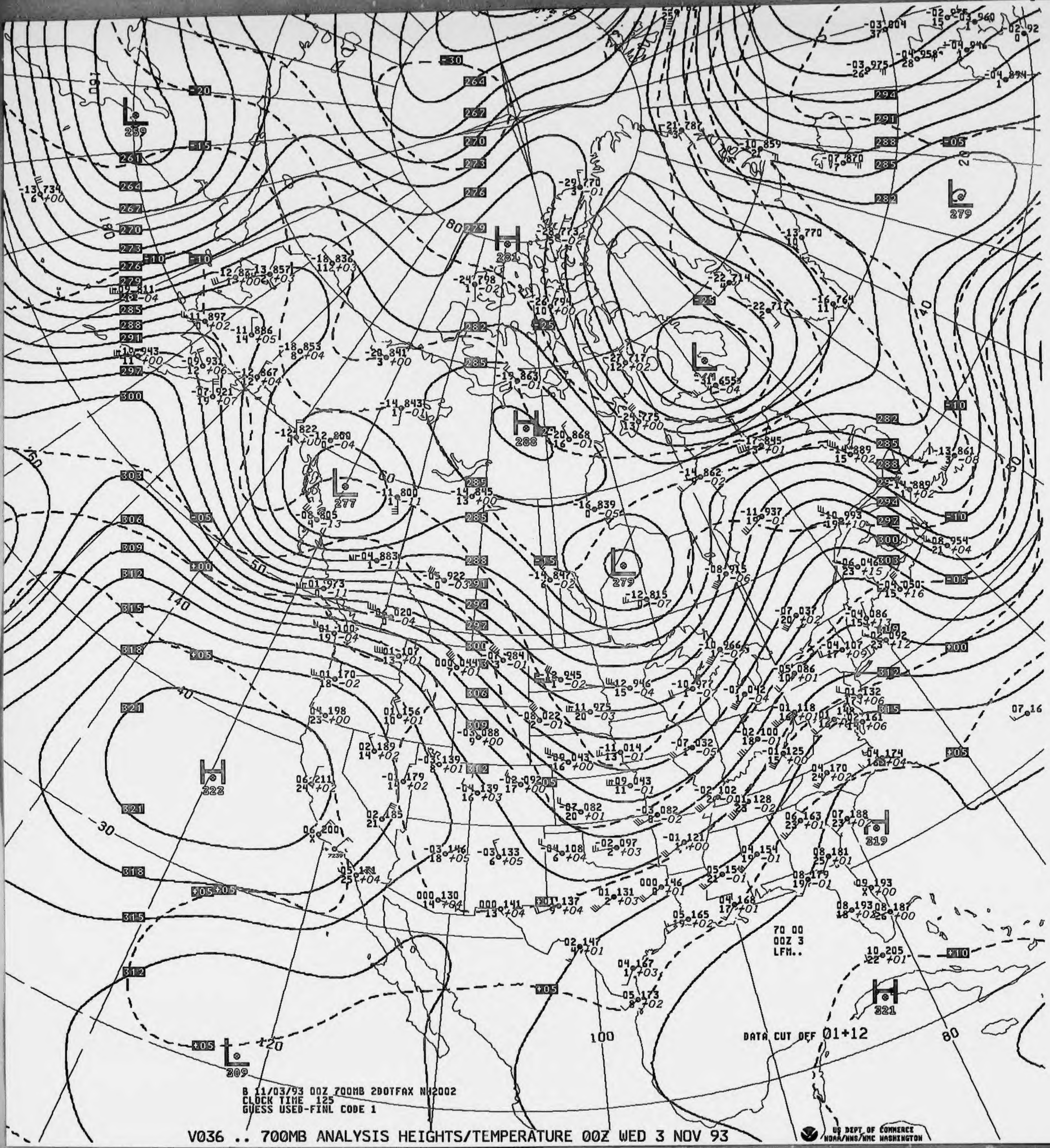
V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 2 NOV 93

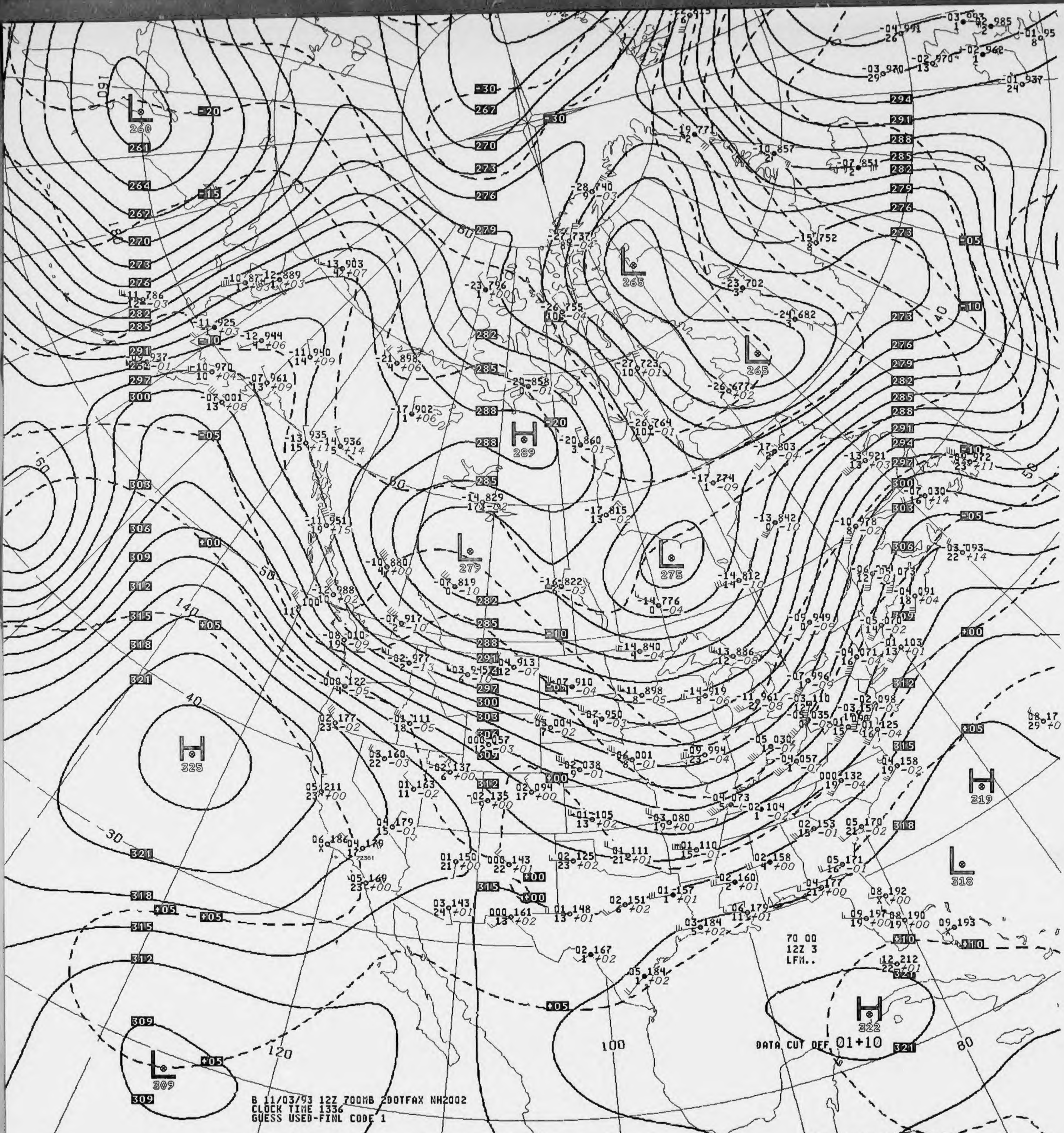
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/02/93 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1329
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
70 00
12Z 2
LFM..
L 260
L 266
L 273
L 277
L 283
L 285
H 283
H 289
H 290
H 322
H 320
264
267
270
273
276
279
282
285
288
291
294
297
300
303
306
309
312
315
318
-30
-25
-20
-15
-10
-05
+00
+05
+10
60
50
40
30
120
100
140

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 2 NOV 93

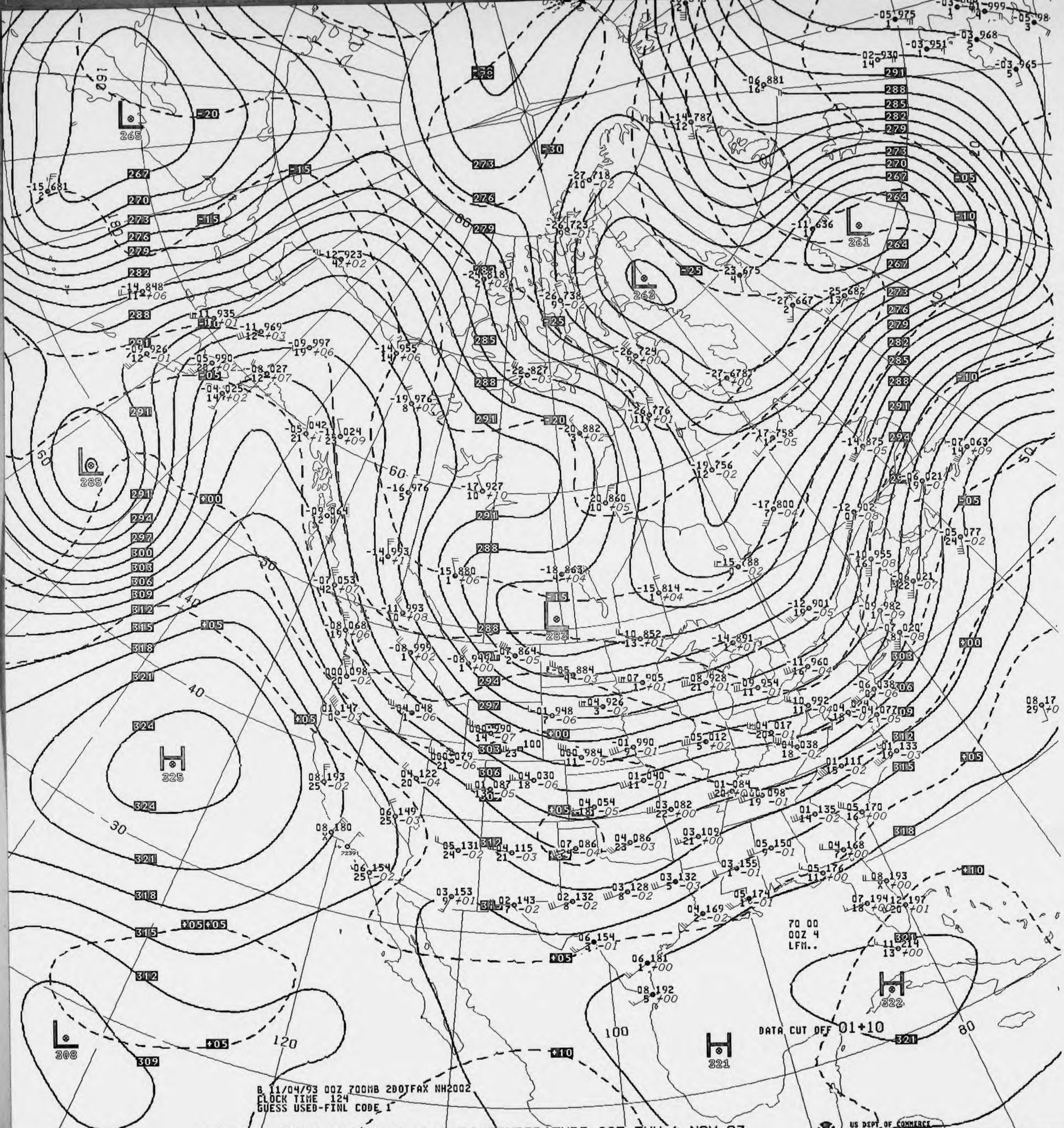
US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON




B 11/03/93 12Z 700MB 20OTFAX NH2002
CLOCK TIME 1336
GUESS USED-FINL CODE 1
70 00
12Z 3
LFM..
DATA CUT OFF 01+10
L 260
L 265
L 265
H 289
L 279
L 275
H 225
H 319
L 318
H 322
L 309
-30
-20
-15
-10
-05
+00
+05
+10
160
180
80
60
50
140
40
30
120
100
20

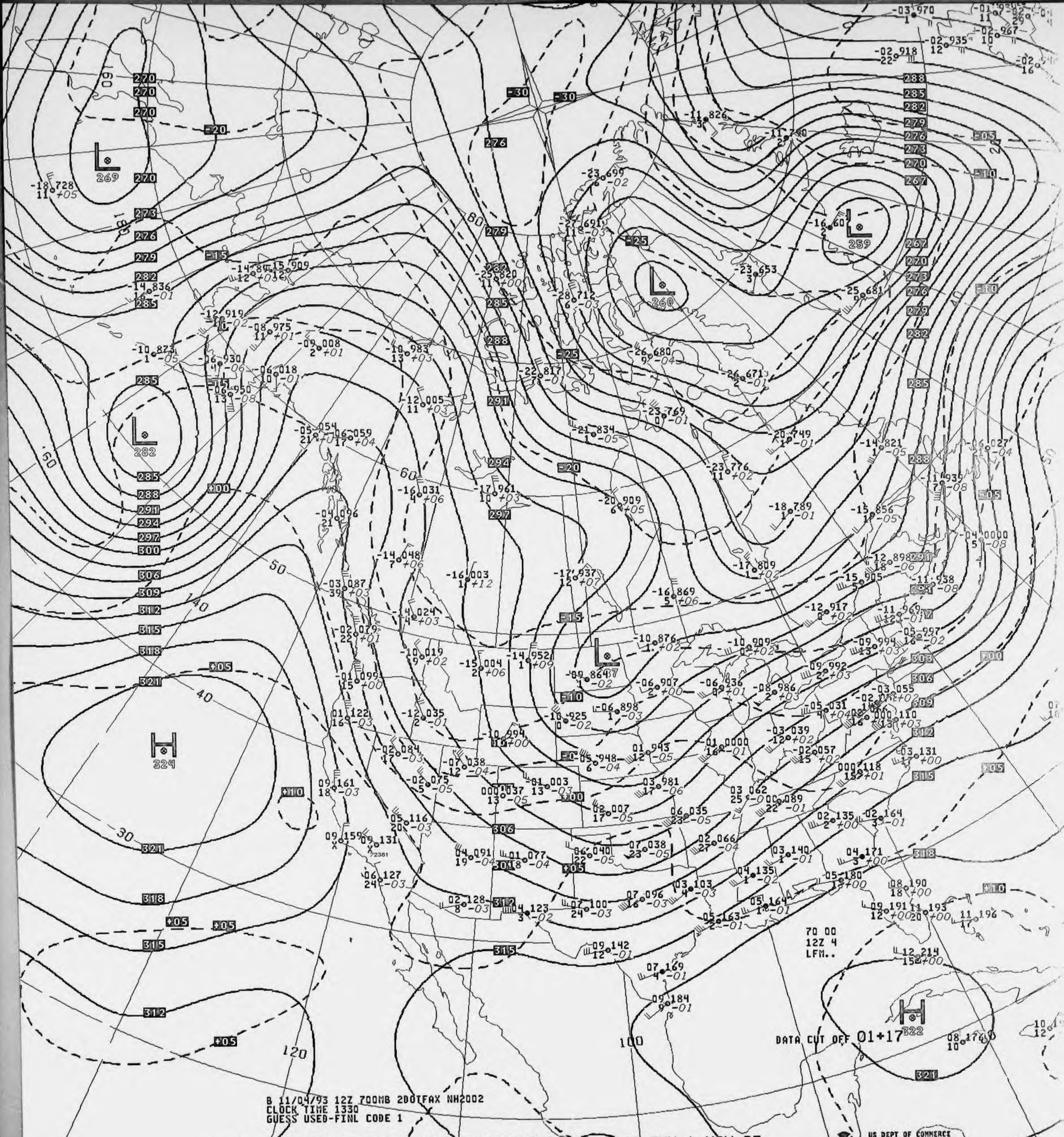
V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 3 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/04/93 00Z 700MB 200TFAX NH2002
CLOCK TIME 124
GUESS USED-FINL CODE 1
70 00
00Z 4
LFM..
DATA CUT OFF 01+10
L 265
L 285
L 263
L 261
L 283
L 308
H 325
H 322
H 321
100
120
80
60
50
40
30
160
180

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 4 NOV 93

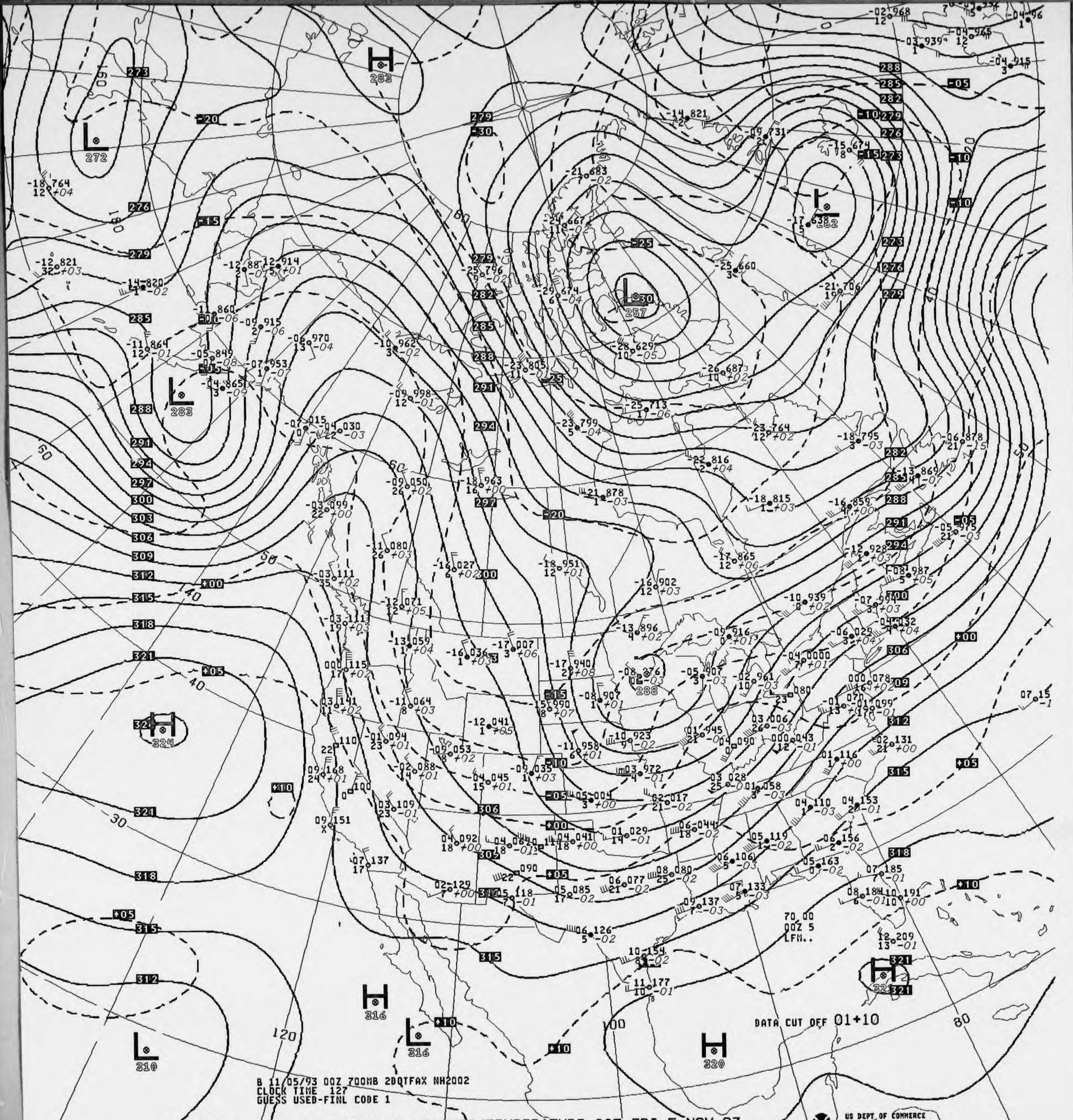
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 269
L 282
L 260
L 259
L
H 324
H 322
70 00
12Z 4
LFM..
DATA CUT OFF 01+17

B 11/04/93 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1330
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 4 NOV 93

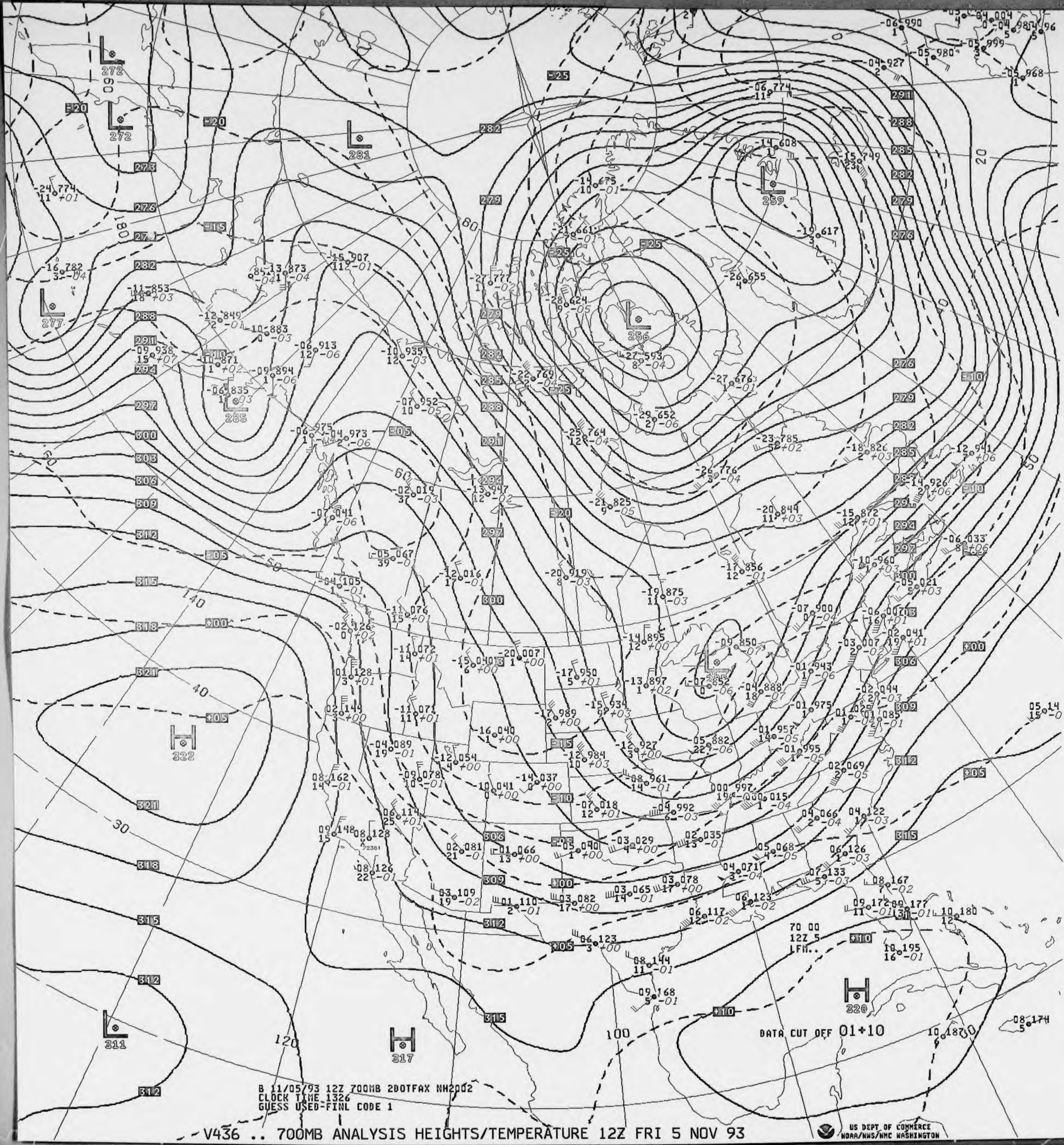
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 283
L 272
L 283
L 30 257
L 638 282
H 324
H 316
L 316
L 310
H 320
H 321
70 00
00Z 5
LFM..
DATA CUT OFF 01+10

B 11/05/93 00Z 700MB 2DQTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 5 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

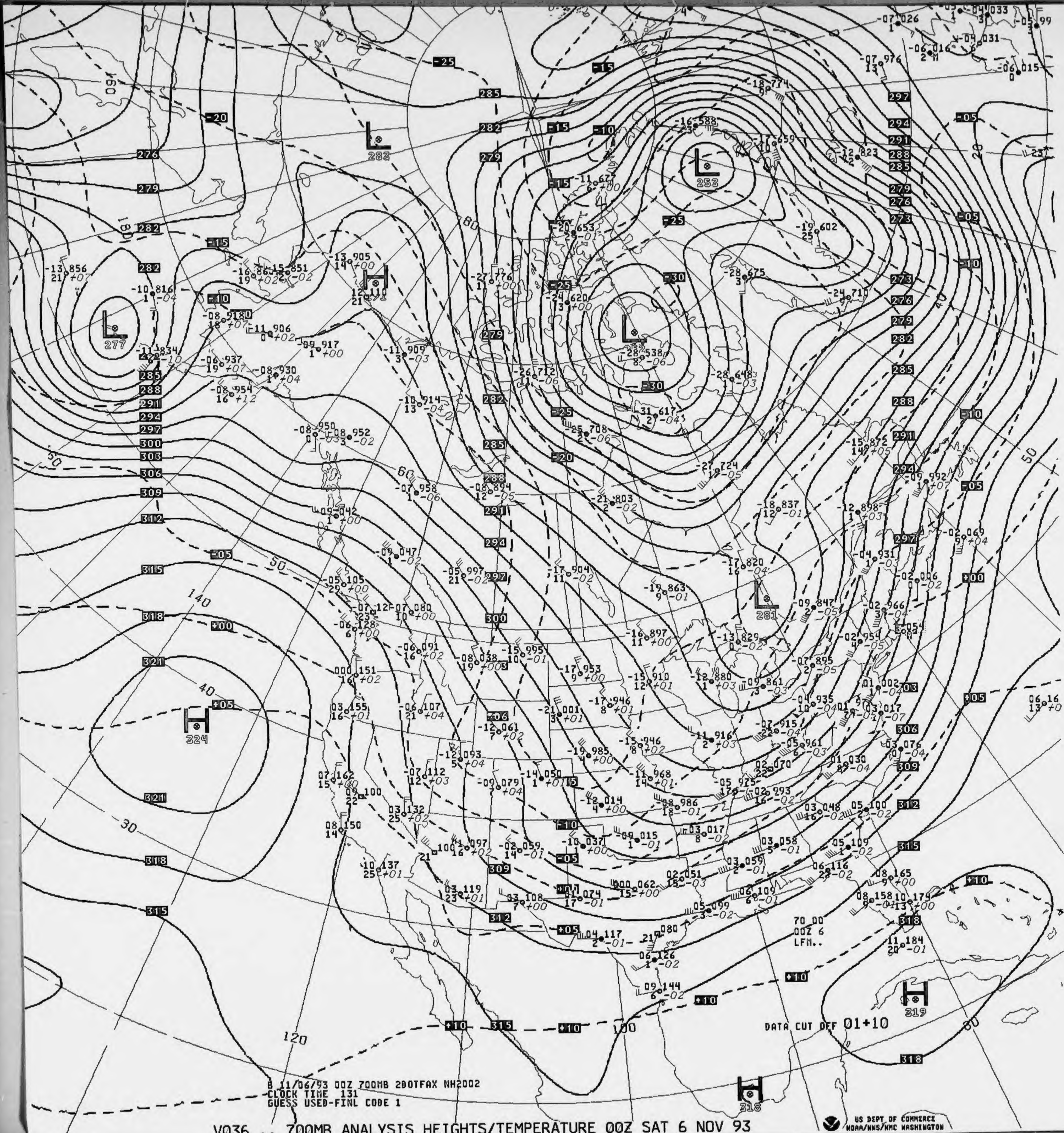


B 11/05/93 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1326
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 5 NOV 93

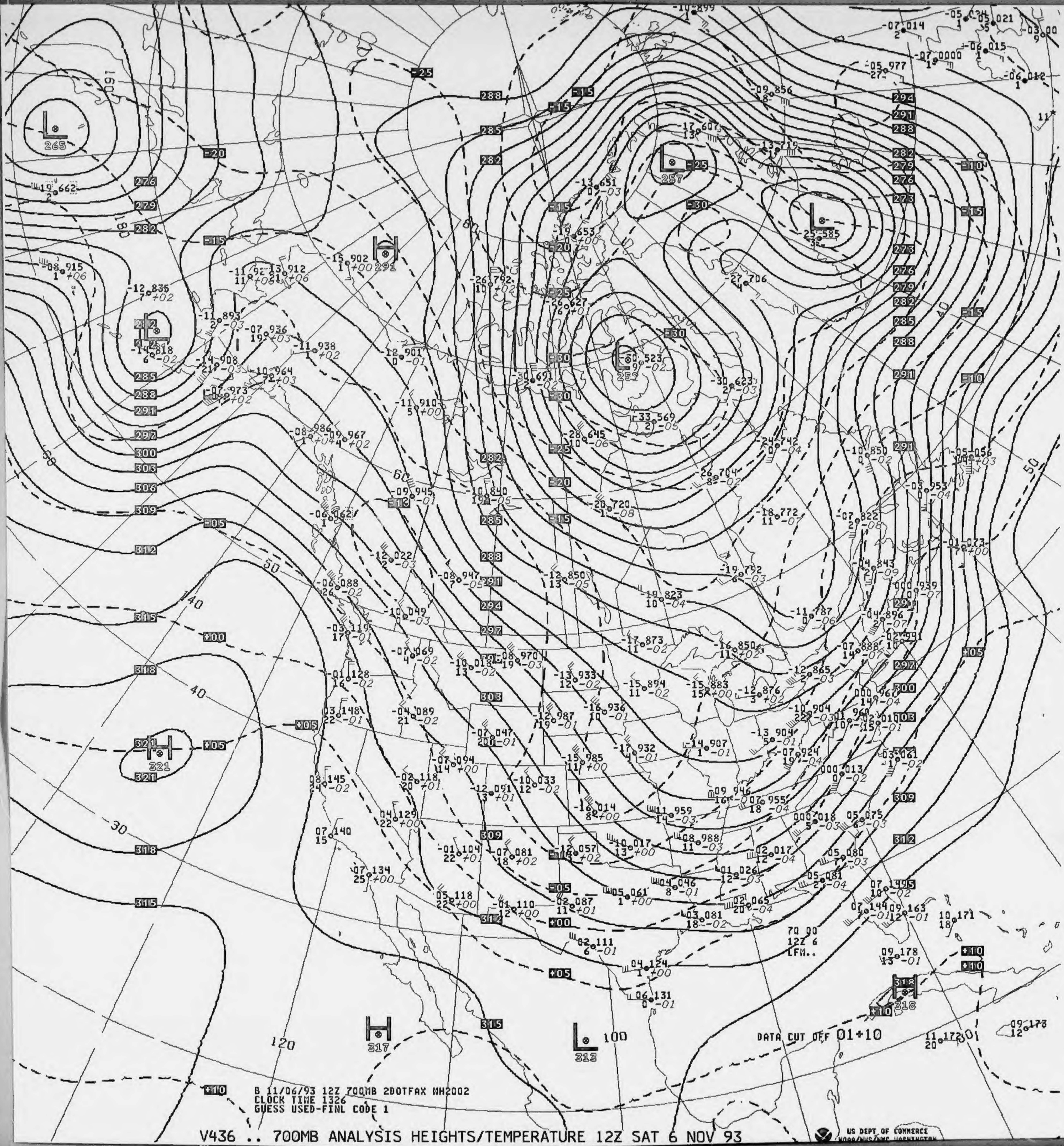
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

L 272
L 272
L 281
L 277
L 285
L 259
L 256
H 322
L 311
H 317
H 320
70 00
12Z 5
LFM..
DATA CUT OFF 01+10


L 282
L 253
L 277
L 262
L 281
H 324
H 319
H 318
285
282
279
276
288
291
294
297
300
303
306
309
312
315
318
321
-25
-20
-15
-10
-05
-30
+00
+05
+10
70 00
00Z 6
LFM..
DATA CUT OFF 01+10
B 11/06/93 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 131
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 6 NOV 93

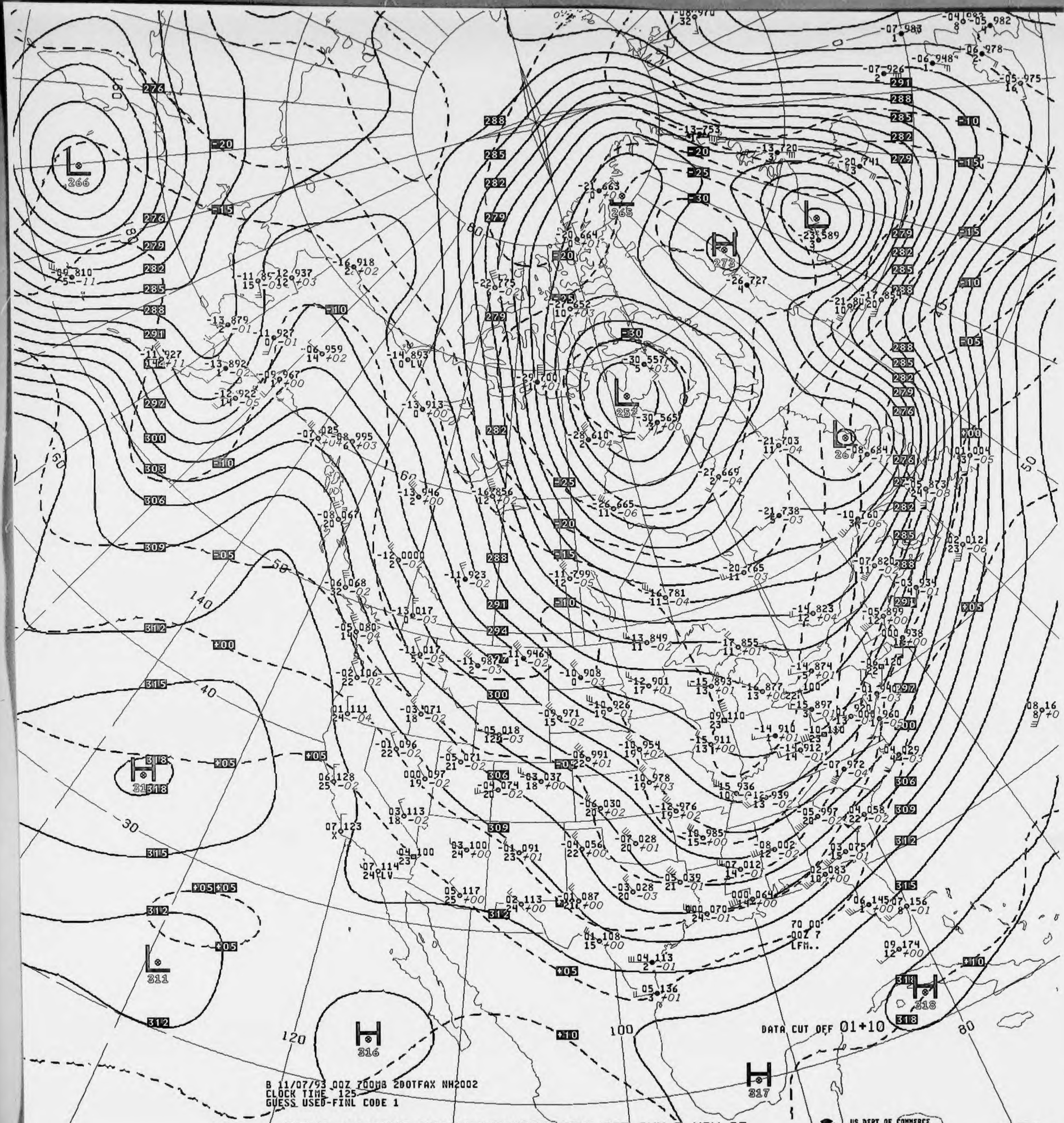
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+10
70 00
12Z 6
LFM..
265
257
252
291
321
317
313

B 11/06/93 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1326
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 6 NOV 93

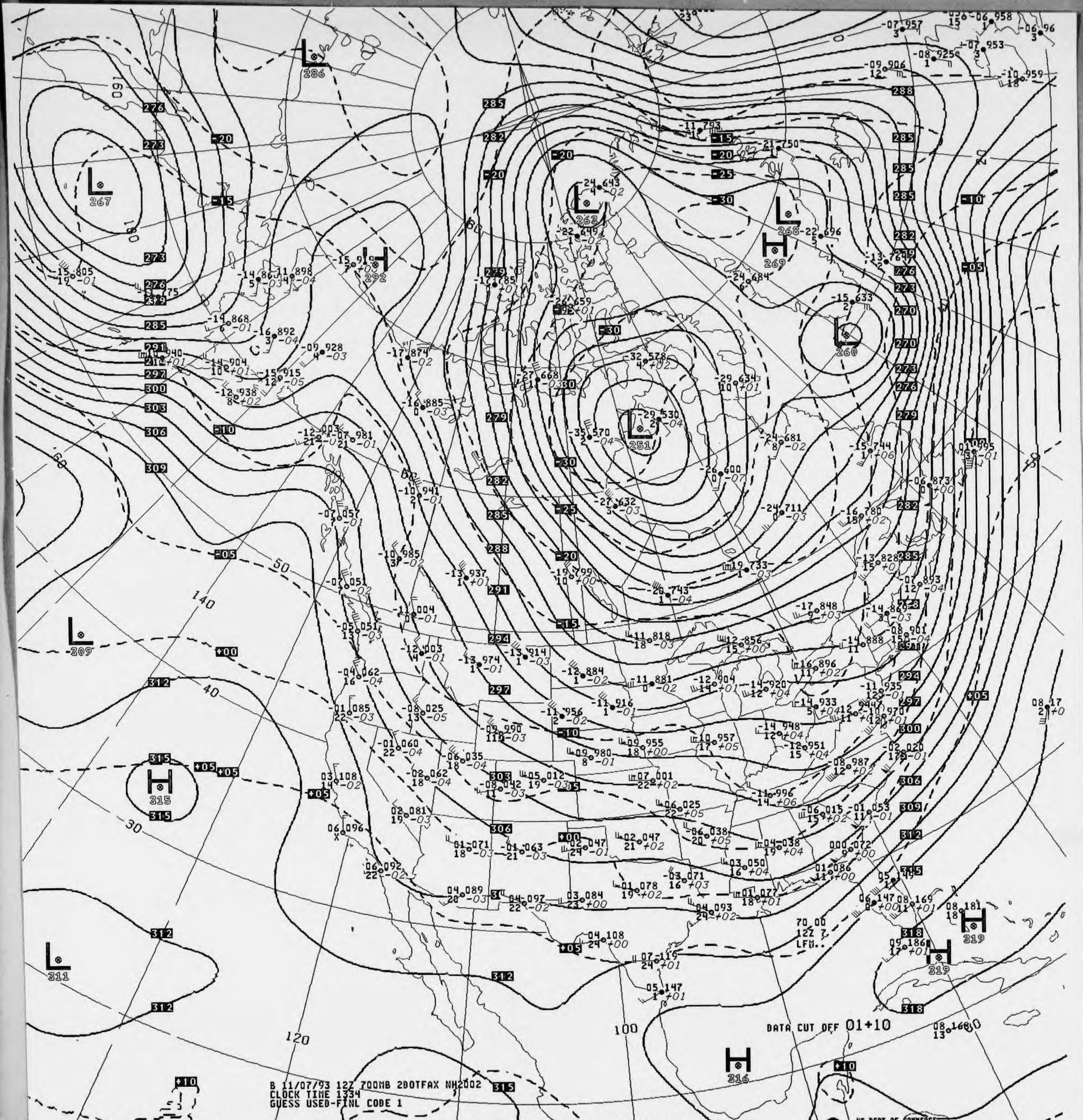
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 266
L 265
H 273
L 252
L 261
H 318
L 311
H 316
H 317
H 318
DATA CUT OFF 01+10
70 00
00Z 7
LFM..

B 11/07/93 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 125
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 7 NOV 93

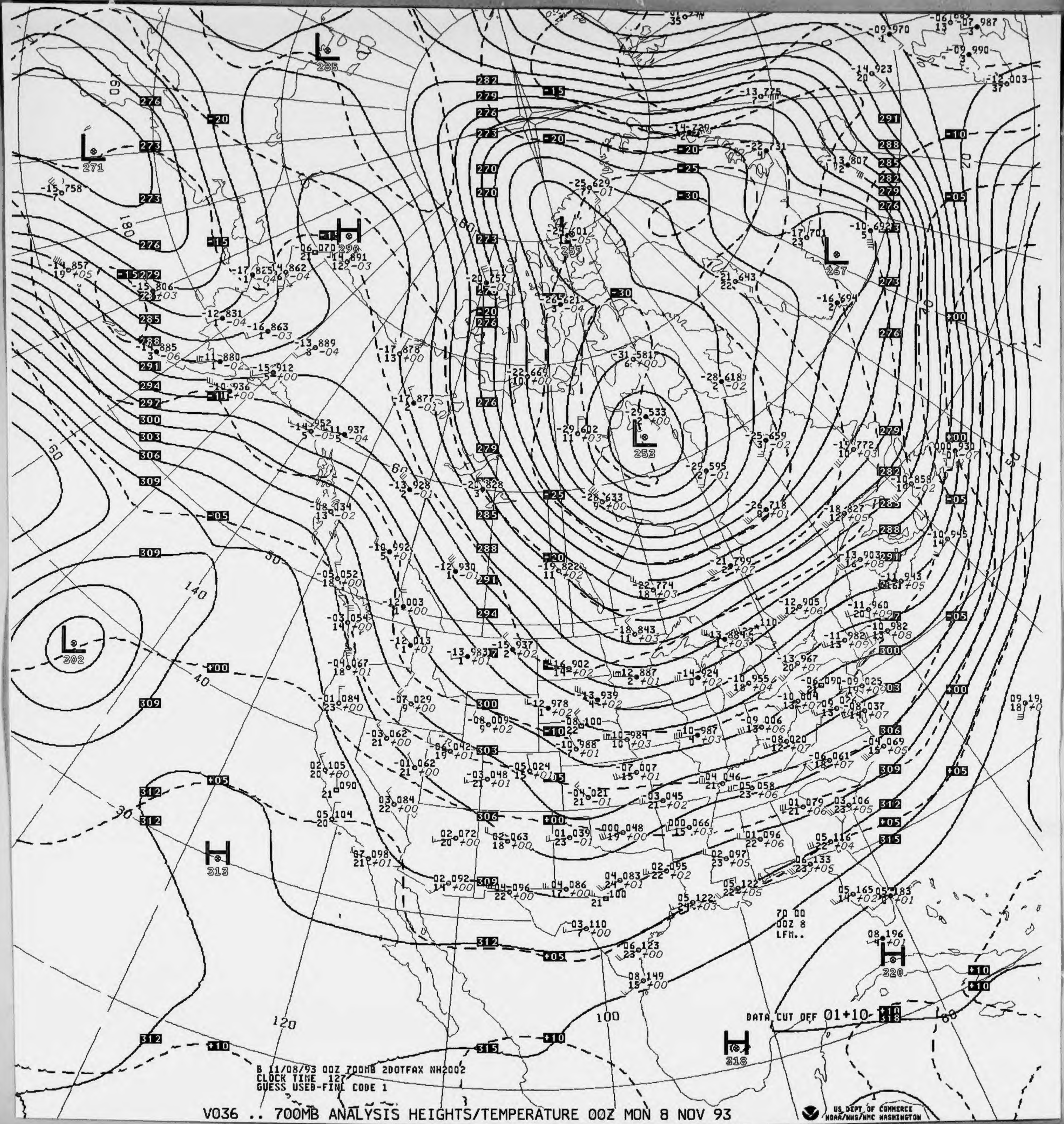
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+10
70 00
12Z 7
LFM..
H
316
L
251
L
260
L
263
L
267
L
286
L
209
L
311
H
292
H
269
H
315
H
319

B 11/07/93 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1334
GUESS USED-FINL CODE 1

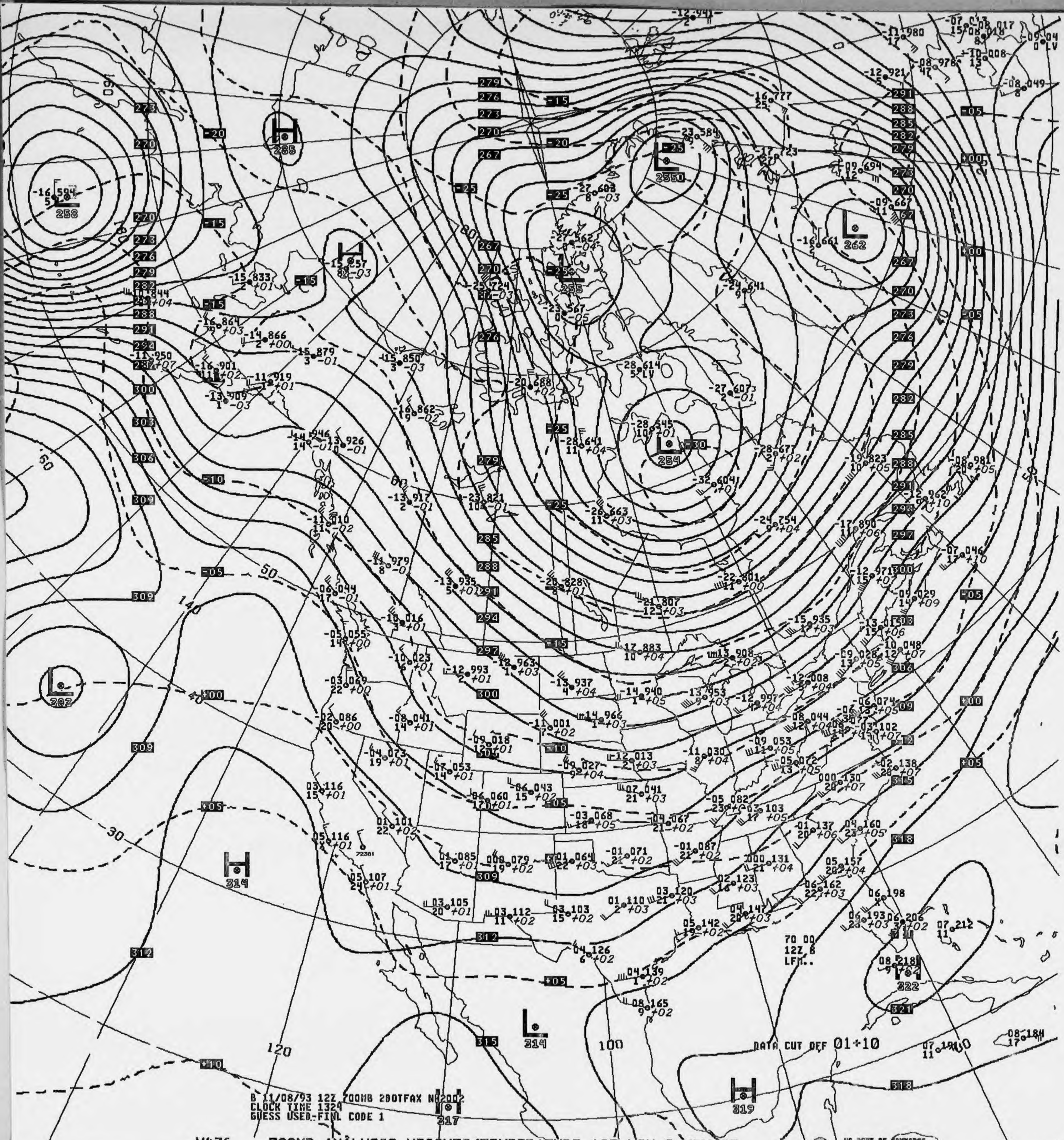
V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 7 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 285
L 271
H 290
L 259
L 267
L 253
L 302
H 313
H 320
H 318
70 00
00Z 8
LFM..
DATA CUT OFF 01+10
180
160
140
120
100
80
60
40
30
20
B 11/08/93 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

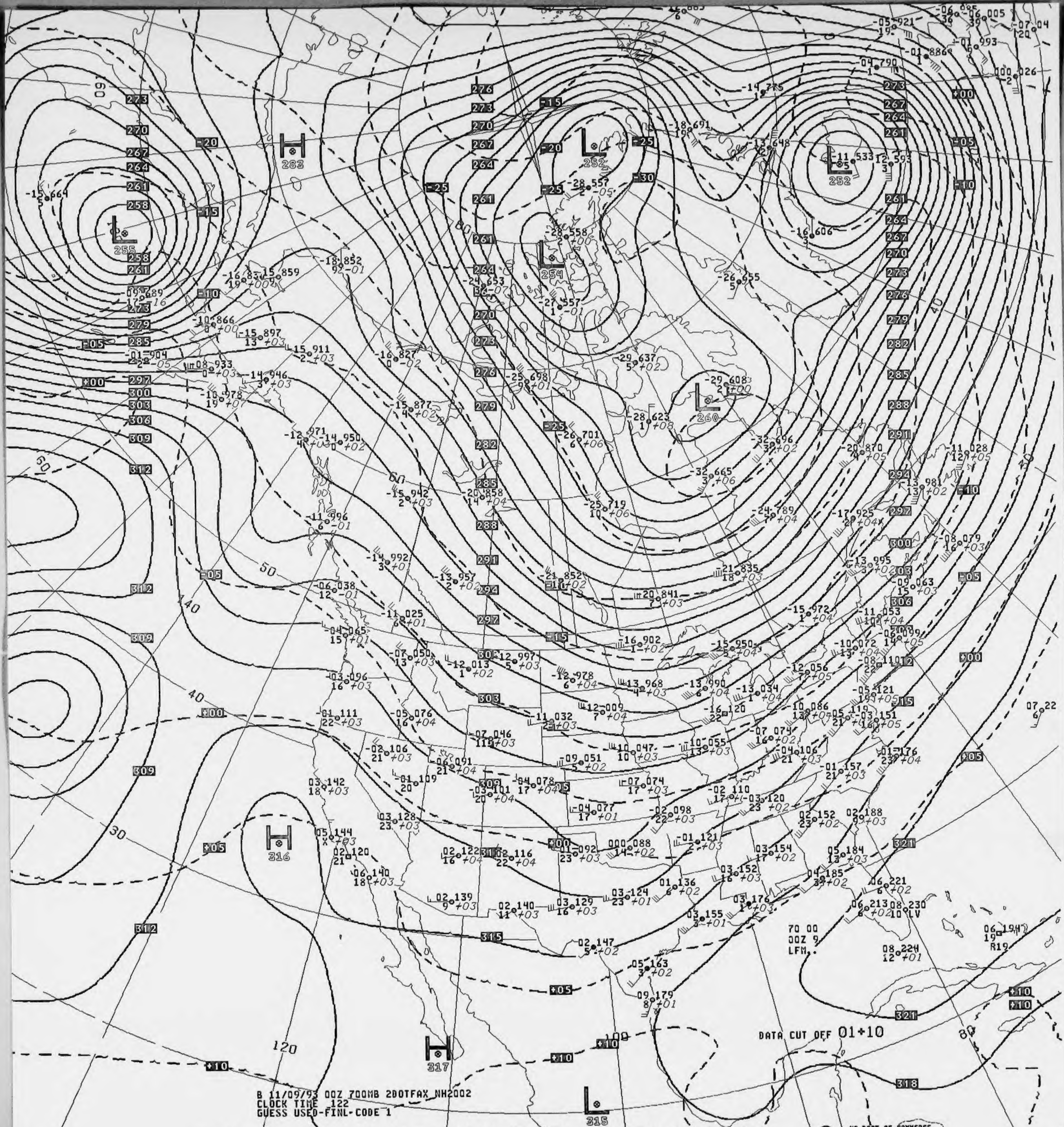
V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 8 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/08/93 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1324
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
70 00
12Z 8
LFM..
H 285
L 258
H
L 255
L 255
L 262
L 254
L 302
H 314
L 314
H 317
H 319
H 322
120
100
140
60
50
40
30

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 8 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

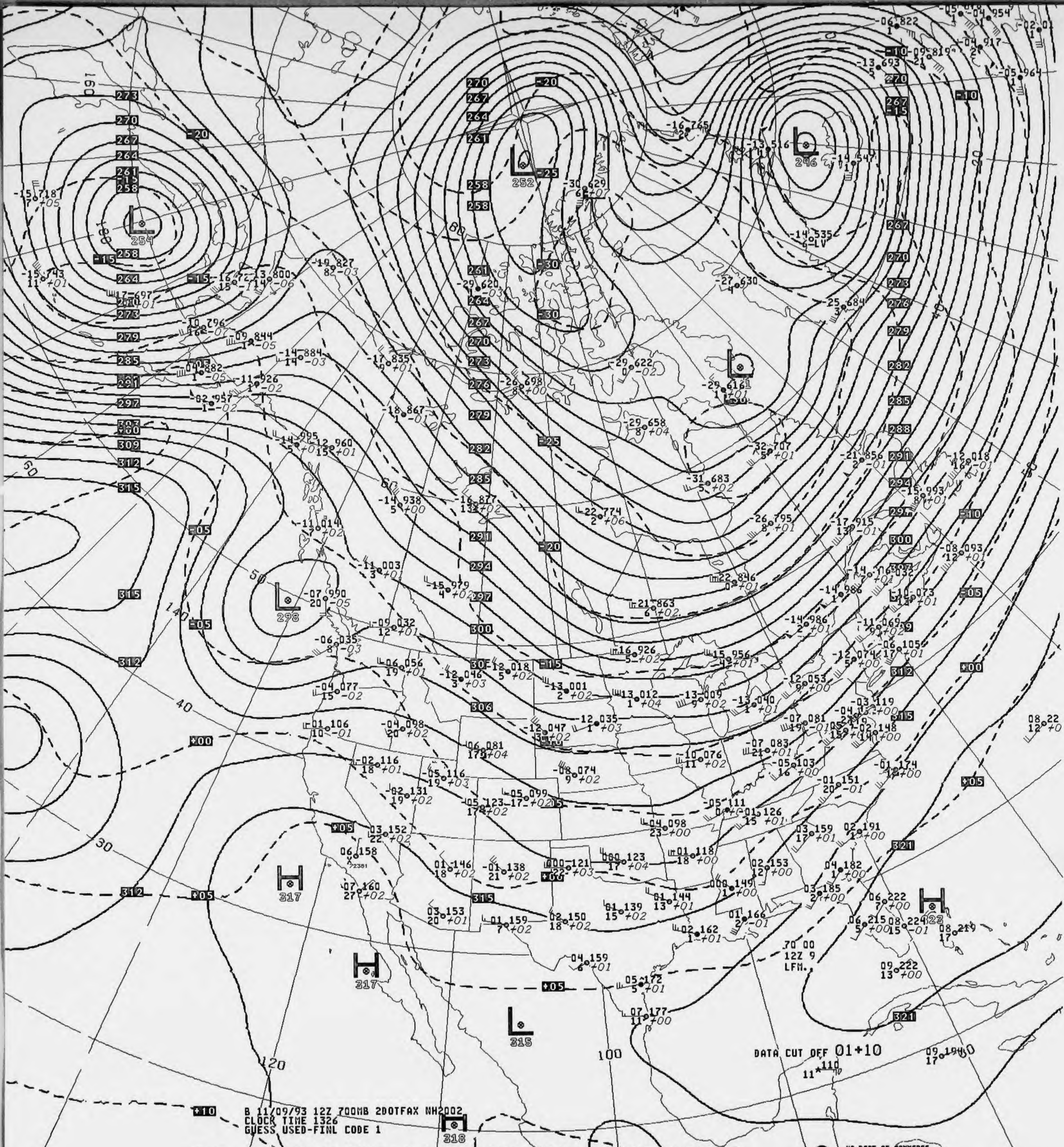


DATA CUT OFF 01+10
70 00
00Z 9
LFM..

B 11/09/93 00Z 700MB 2D0TFAX NH2002
CLOCK TIME 122
GUESS USED-FINL-CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 9 NOV 93

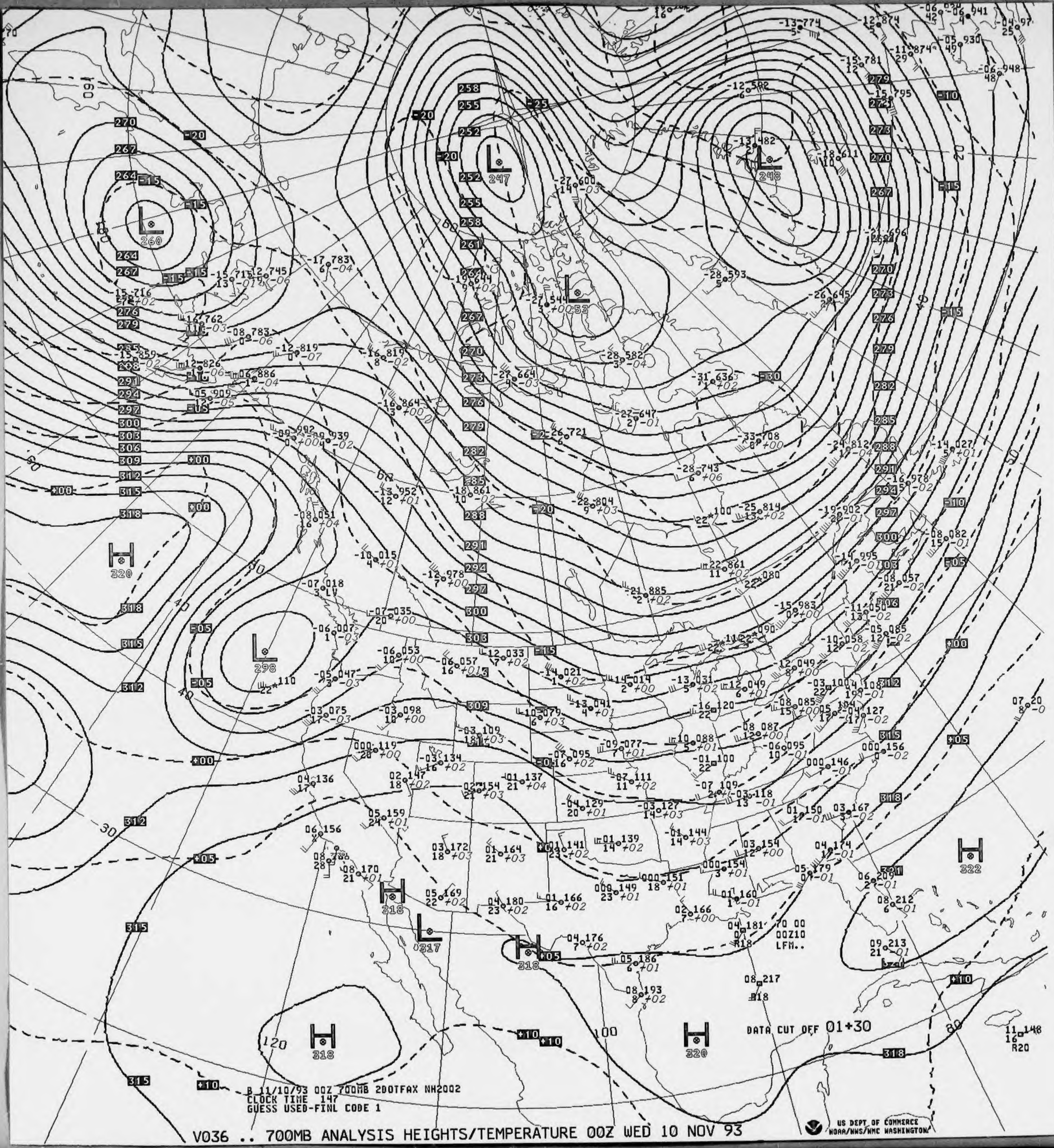
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 254
L 252
L 246
L 298
H 317
H 317
L 315
H 318
H 323
DATA CUT OFF 01+10
70 00
12Z 9
LFM.

B 11/09/93 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1326
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 9 NOV 93

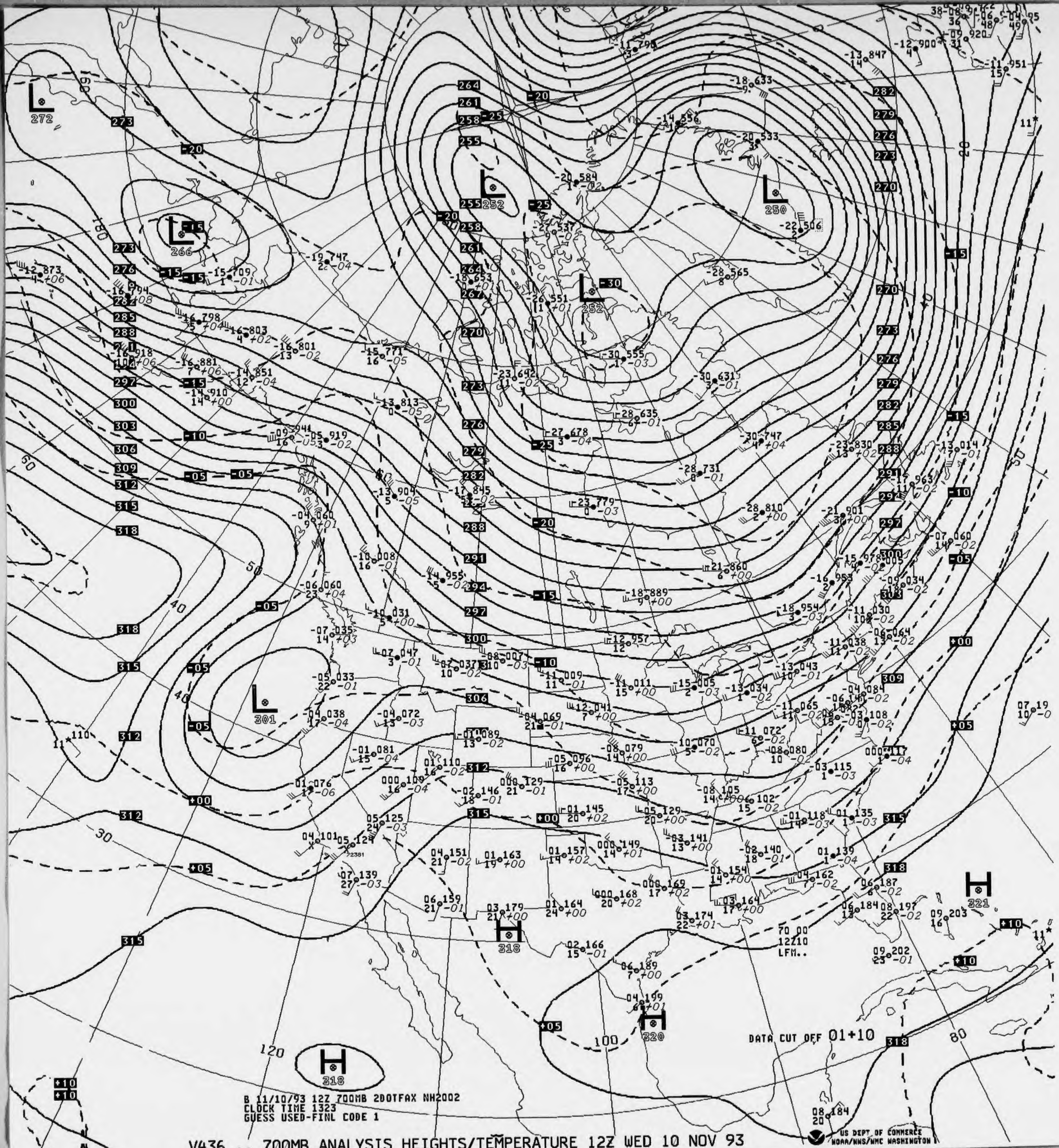
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+30
70 00
00Z10
LFM..

B 11/10/93 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 147
GUESS USED-FINL CODE 1

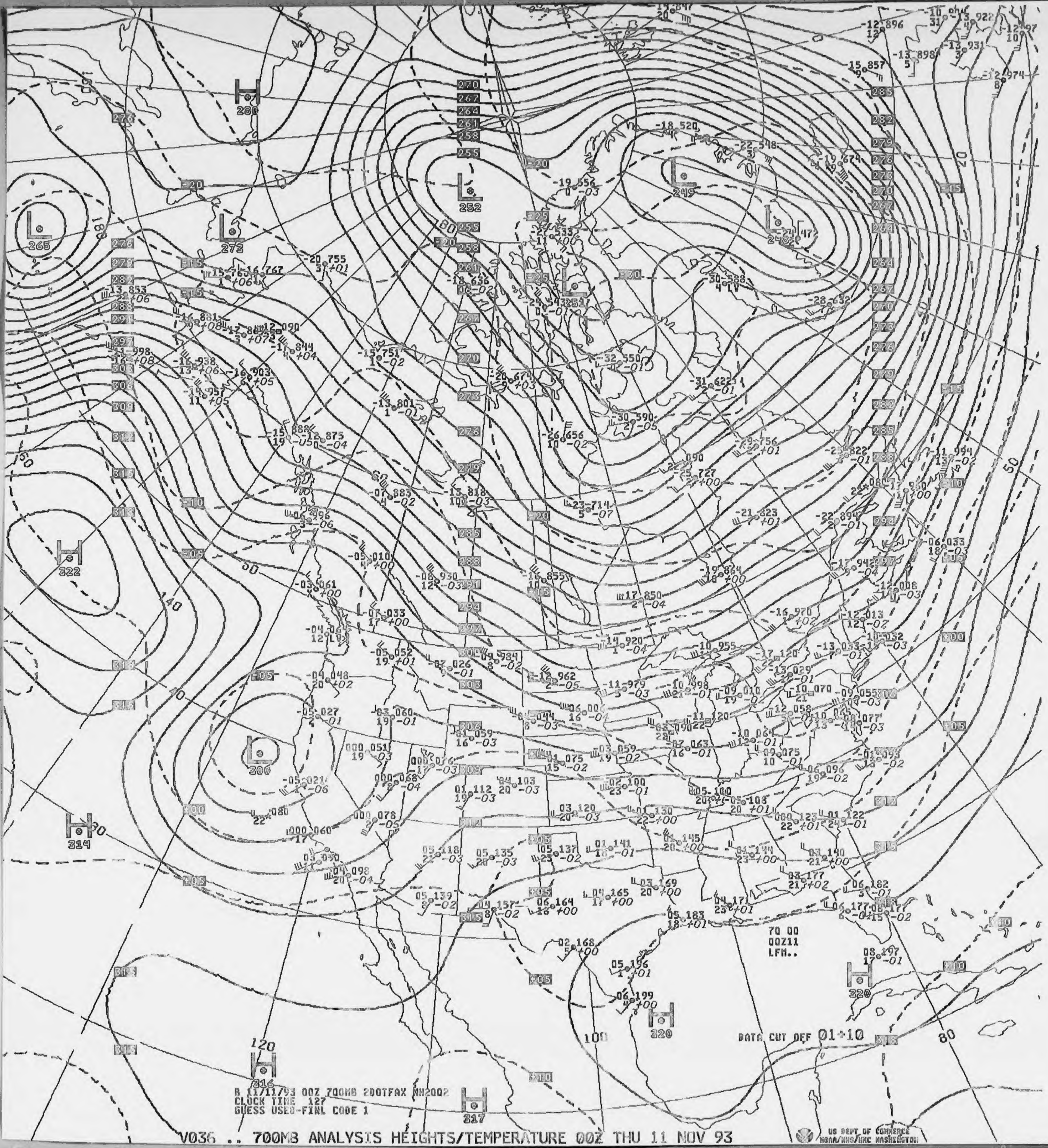
V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 10 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 272
L 266
L 252
L 252
L 250
L 301
H 318
H 320
H 318
H 221
70 00
12Z10
LFM..
DATA CUT OFF 01+10
B 11/10/93 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1323
GUESS USED-FINL CODE 1

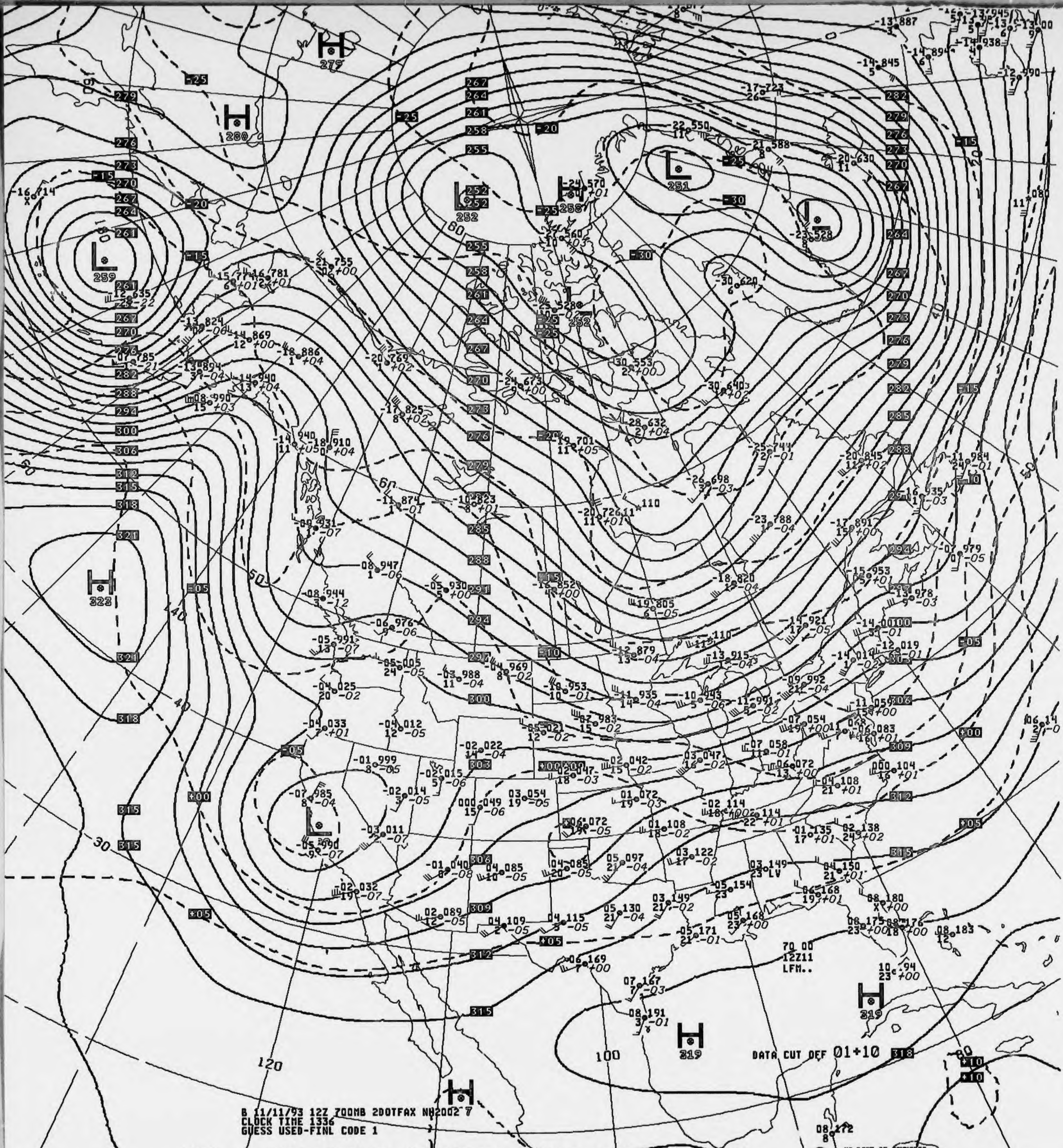
V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 10 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



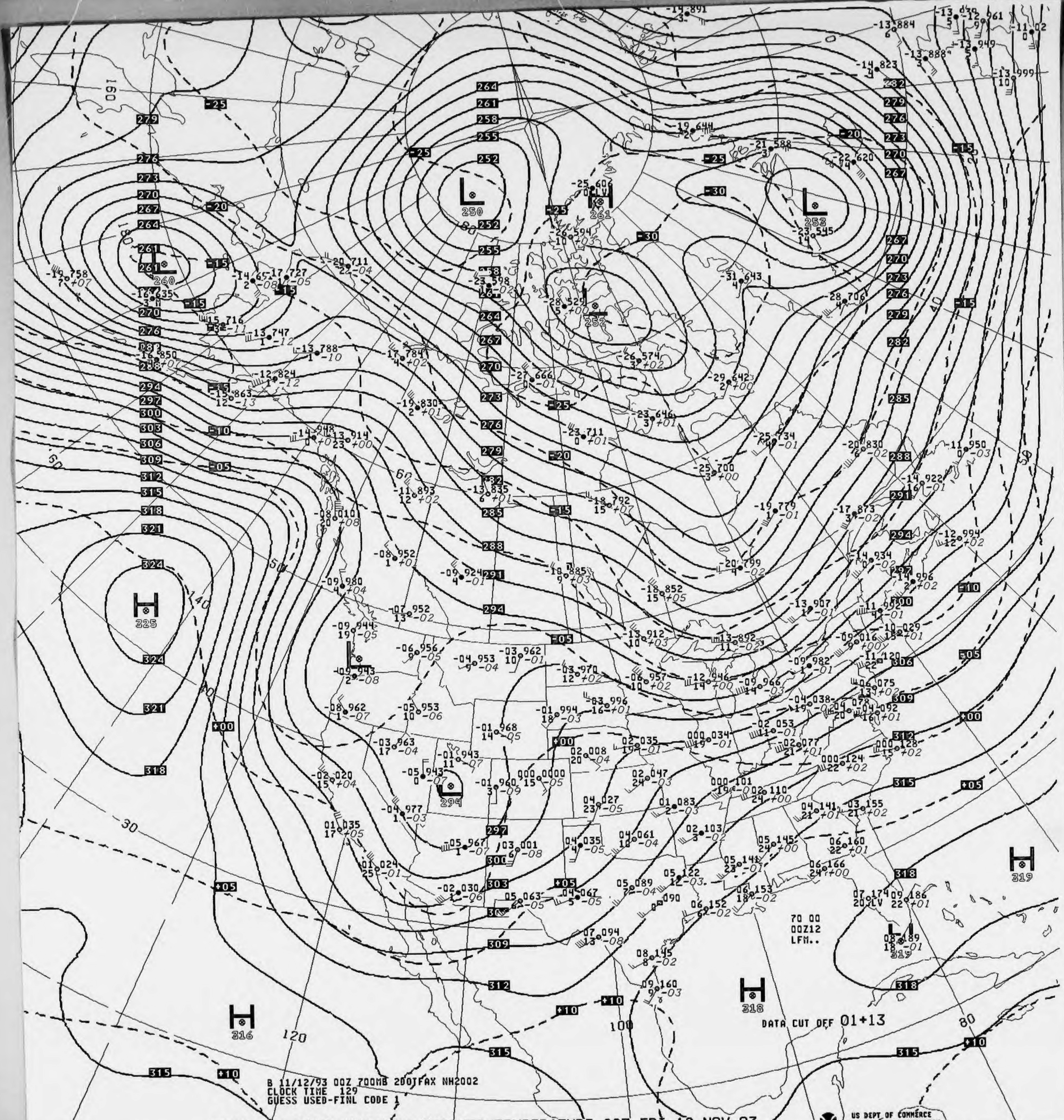
H
280
L
265
L
273
L
252
L
249
L
248
L
251
H
322
L
300
H
314
H
316
H
317
H
320
H
320
120
100
80
70 00
00Z11
LFM..
DATA CUT OFF 01+10
B 11/11/93 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 11 NOV 93

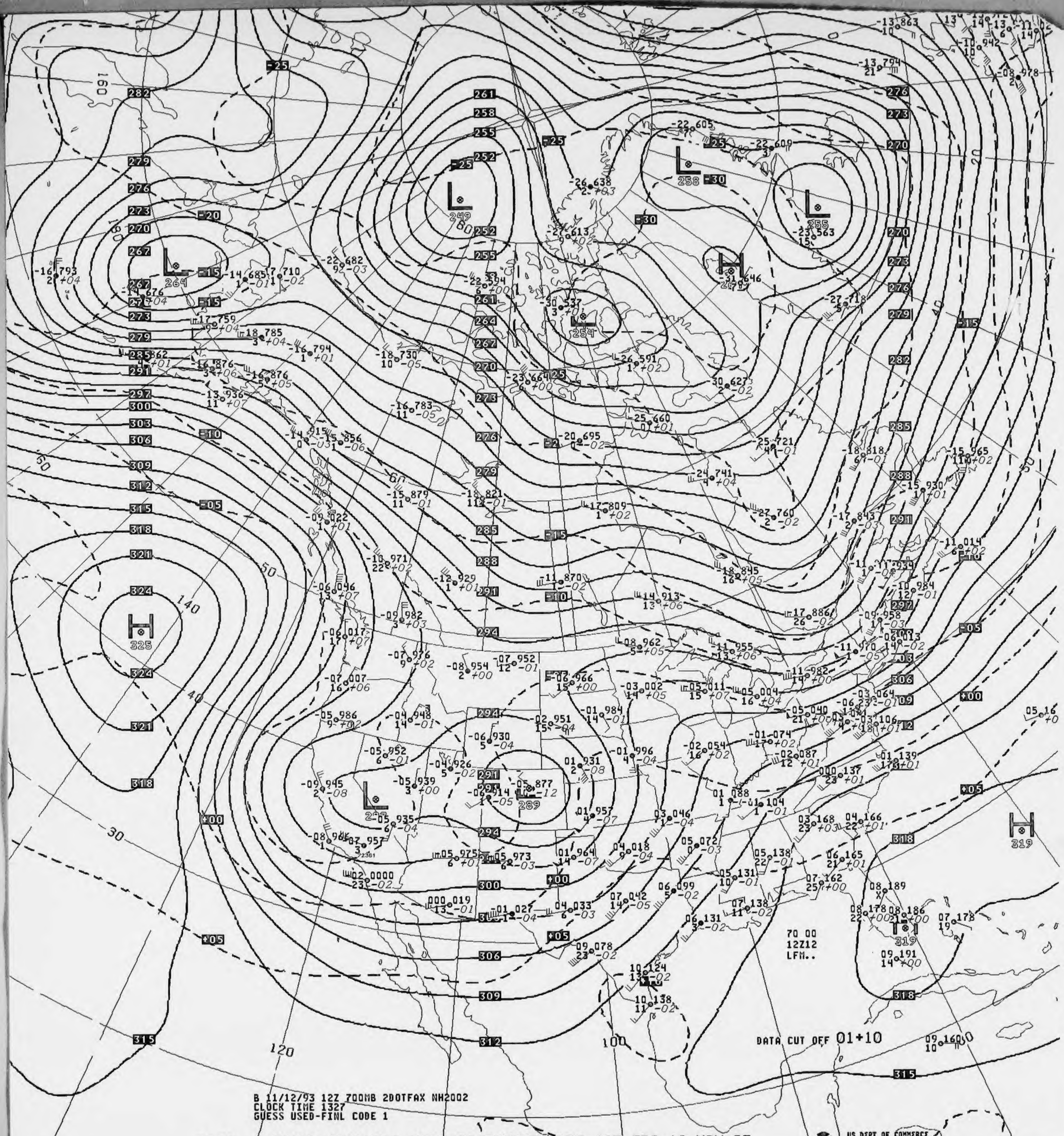

H 279
H 280
L 259
L 252
L 258
L 251
L 528
H 322
L 990
H 319
H 319
DATA CUT OFF 01+10
70 00
12Z11
LFM..
B 11/11/93 12Z 700MB 2DOTFAX NH2002 7
CLOCK TIME 1336
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 11 NOV 93

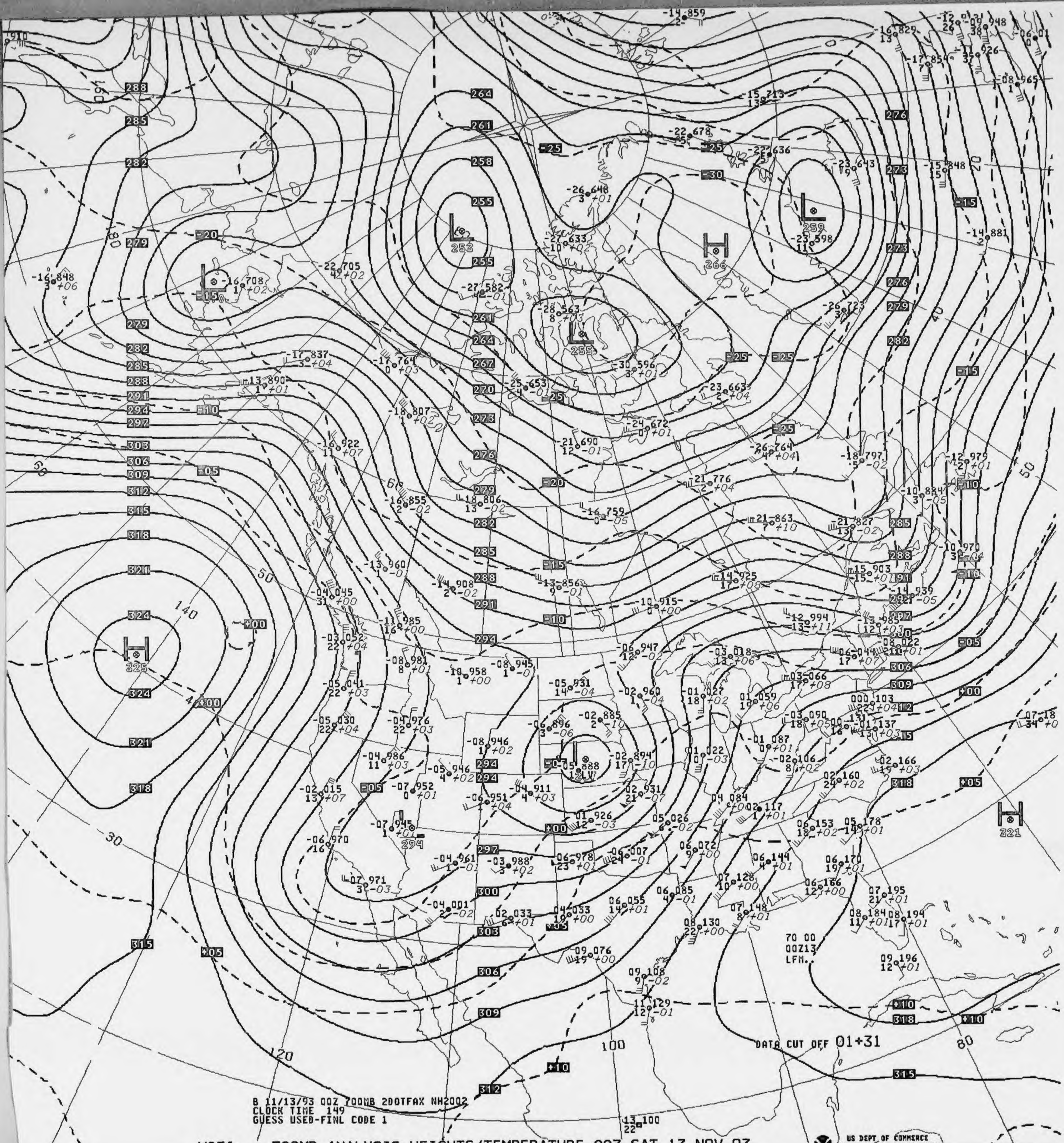
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
250
L
253
L
260
L
252
H
261
H
325
L
294
H
316
H
318
H
319
L
319
70 00
00Z12
LFM..
DATA CUT OFF 01+13
B 11/12/93 00Z 700MB 2001FAX NH2002
CLOCK TIME 129
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 12 NOV 93

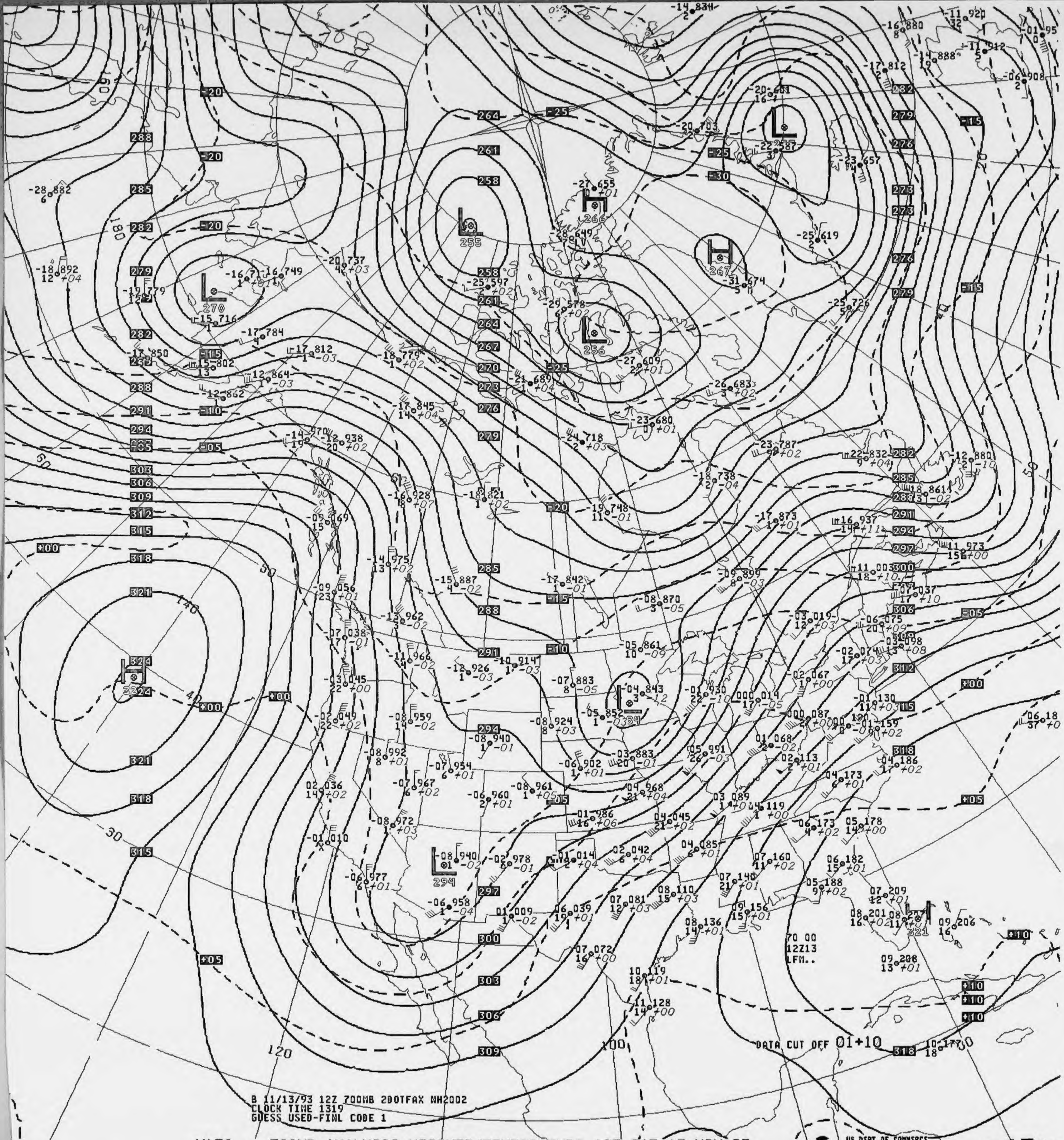

B 11/12/93 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1327
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
70 00
12Z12
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
L
249
L
264
L
258
L
255
L
254
L
289
H
325
H
319
H
319
160
140
120
100
60
50
40
30

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 12 NOV 93



B 11/13/93 00Z 700MB 20OTFAX NH2002
CLOCK TIME 149
GUESS USED-FINL CODE 1
DATA CUT OFF 01+31
70 00
00Z13
LFM..
H
L
325
321
259
252
255
266
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 13 NOV 93

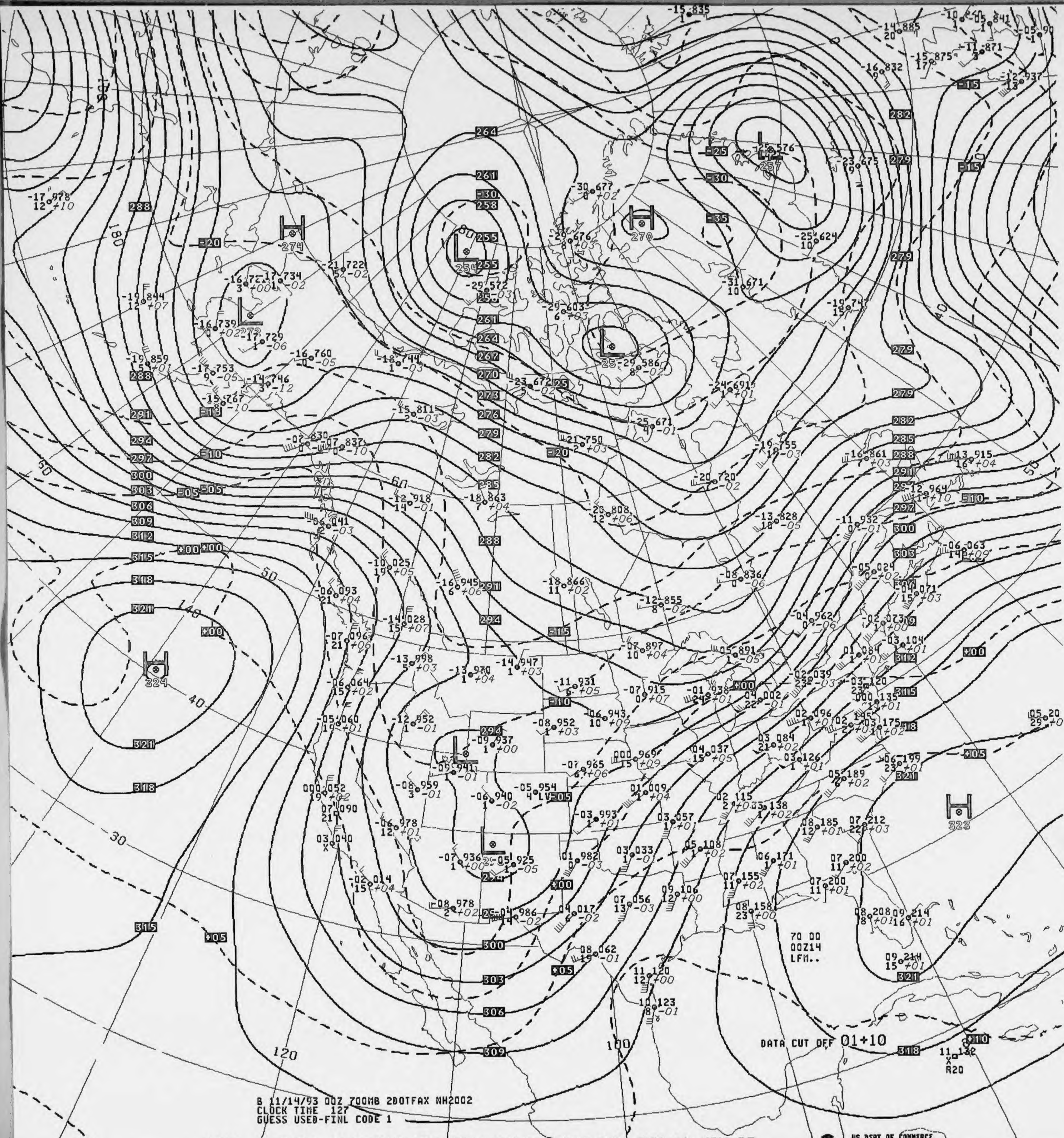


264
261
258
255
256
266
267
270
279
282
285
288
291
294
297
300
303
306
309
312
315
318
321
324
-25
-20
-15
-10
-05
-30
+00
+05
+10
DATA CUT OFF 01+10
70 00
12Z13
LFM..
160
180
60
50
40
30
120
100
140

B 11/13/93 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1319
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 13 NOV 93

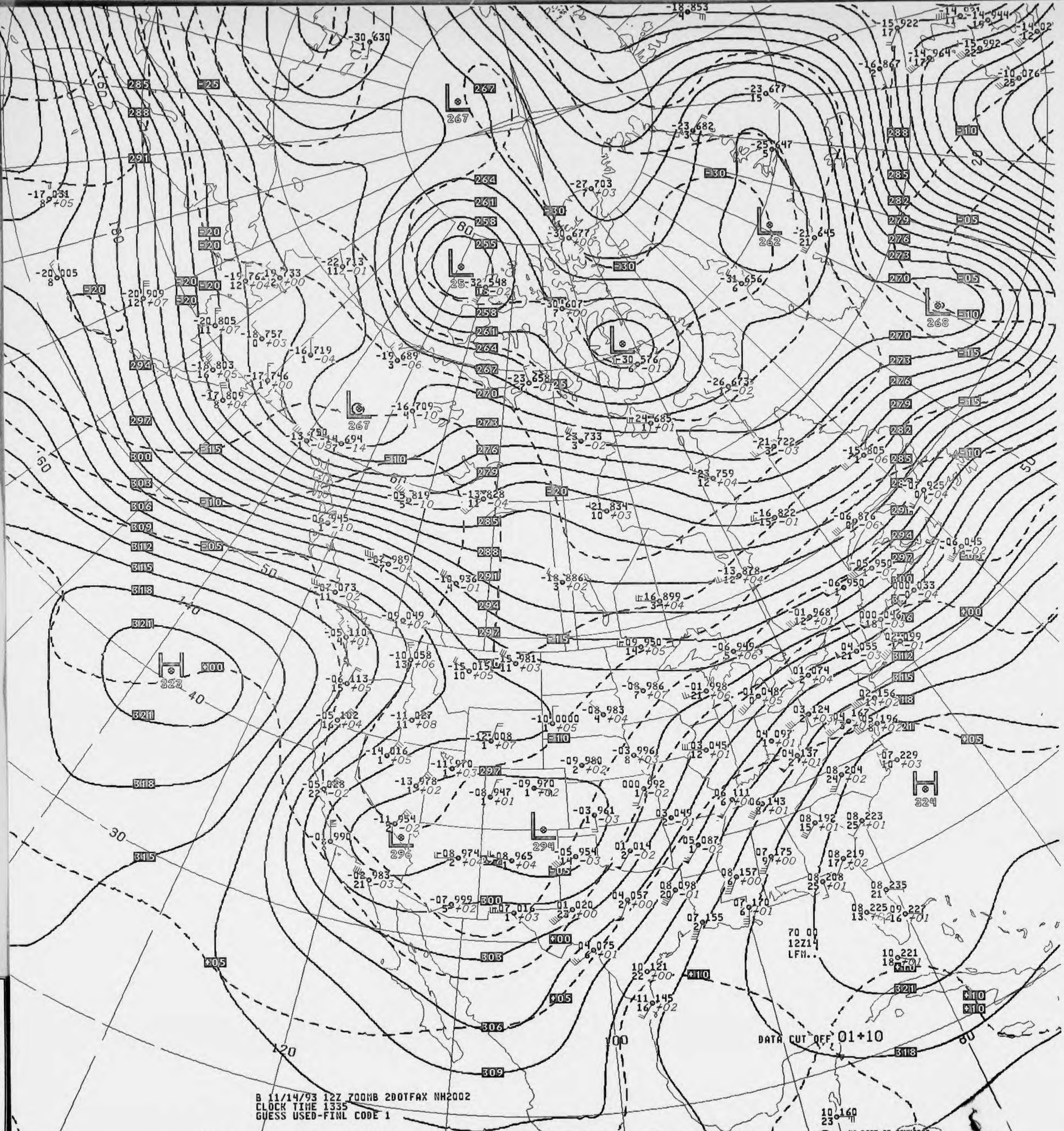
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


274
270
257
254
324
323
DATA CUT OFF 01+10
70 00
00Z14
LFM..

B 11/14/93 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 14 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

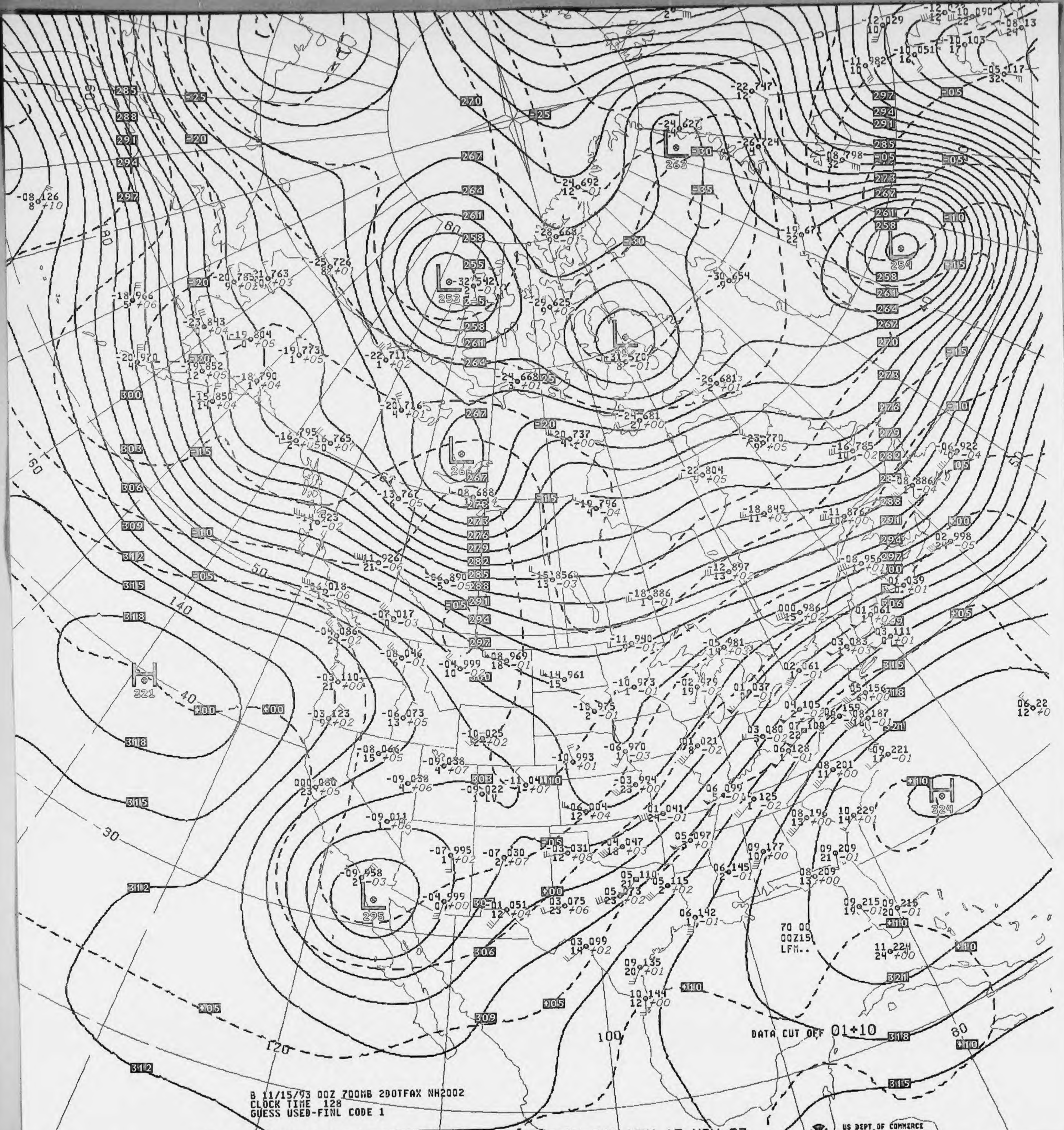

DATA CUT OFF 01+10
70 00
12Z14
LFM..
H
324
322
L
267
262
268
296
294

B 11/14/93 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1335
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 14 NOV 93

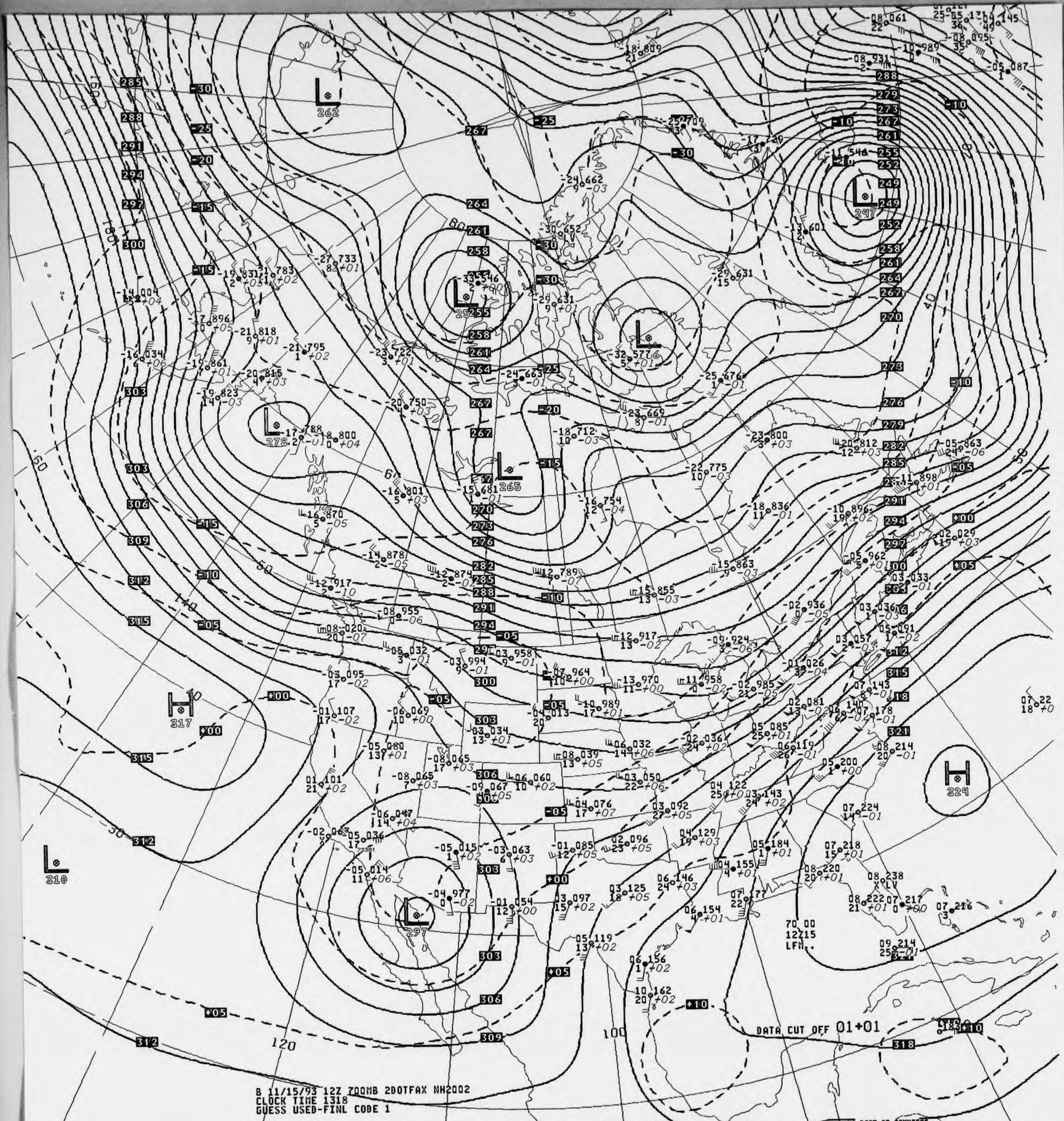
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

BEST AVAILABLE RECORD
DARK IMAGE


DATA CUT OFF 01+10
70 00
00Z15
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 11/15/93 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 128
GUESS USED-FINL CODE 1

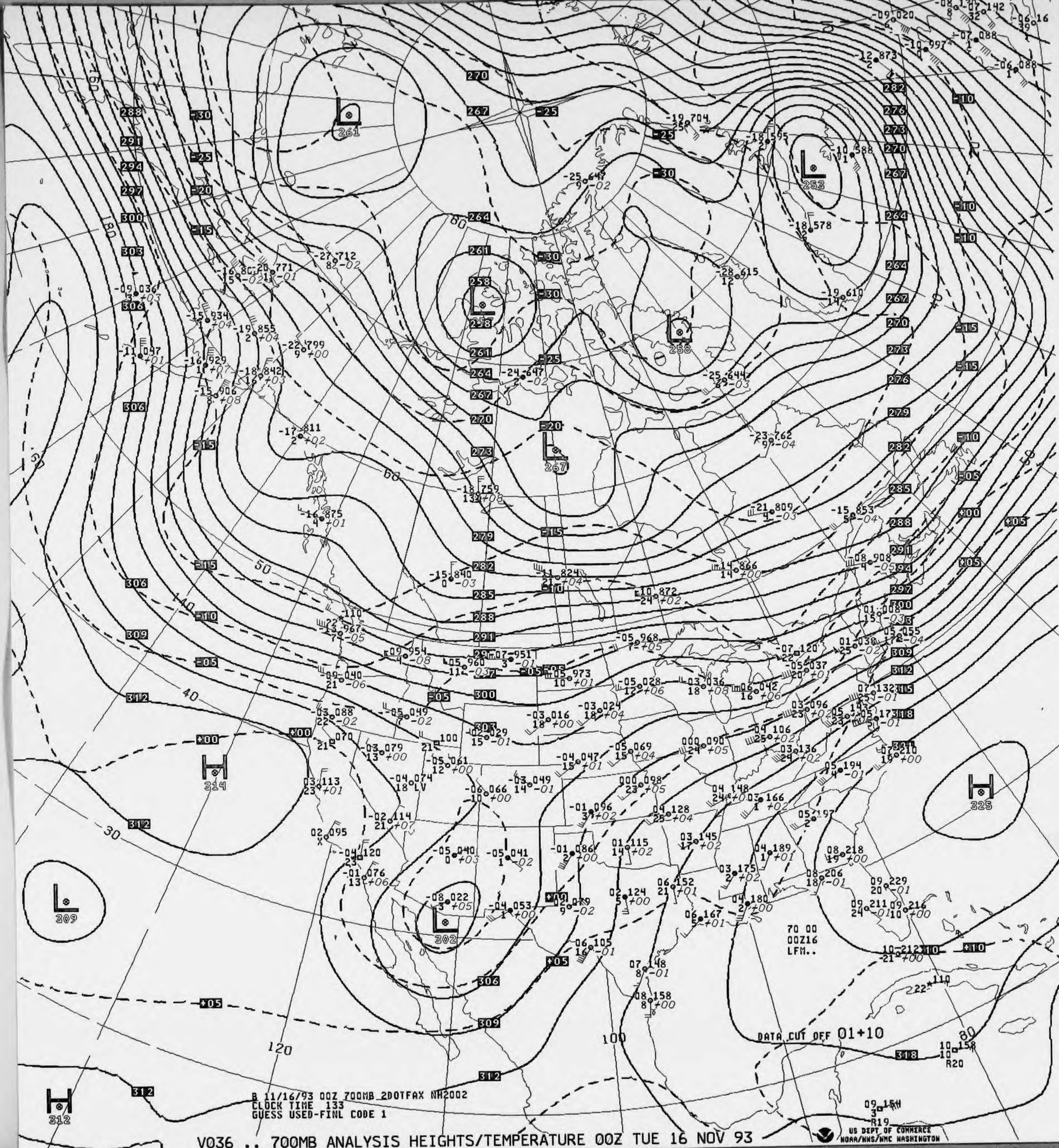
V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 15 NOV 93


DATA CUT OFF 01+01
70 00
12Z15
LFM..

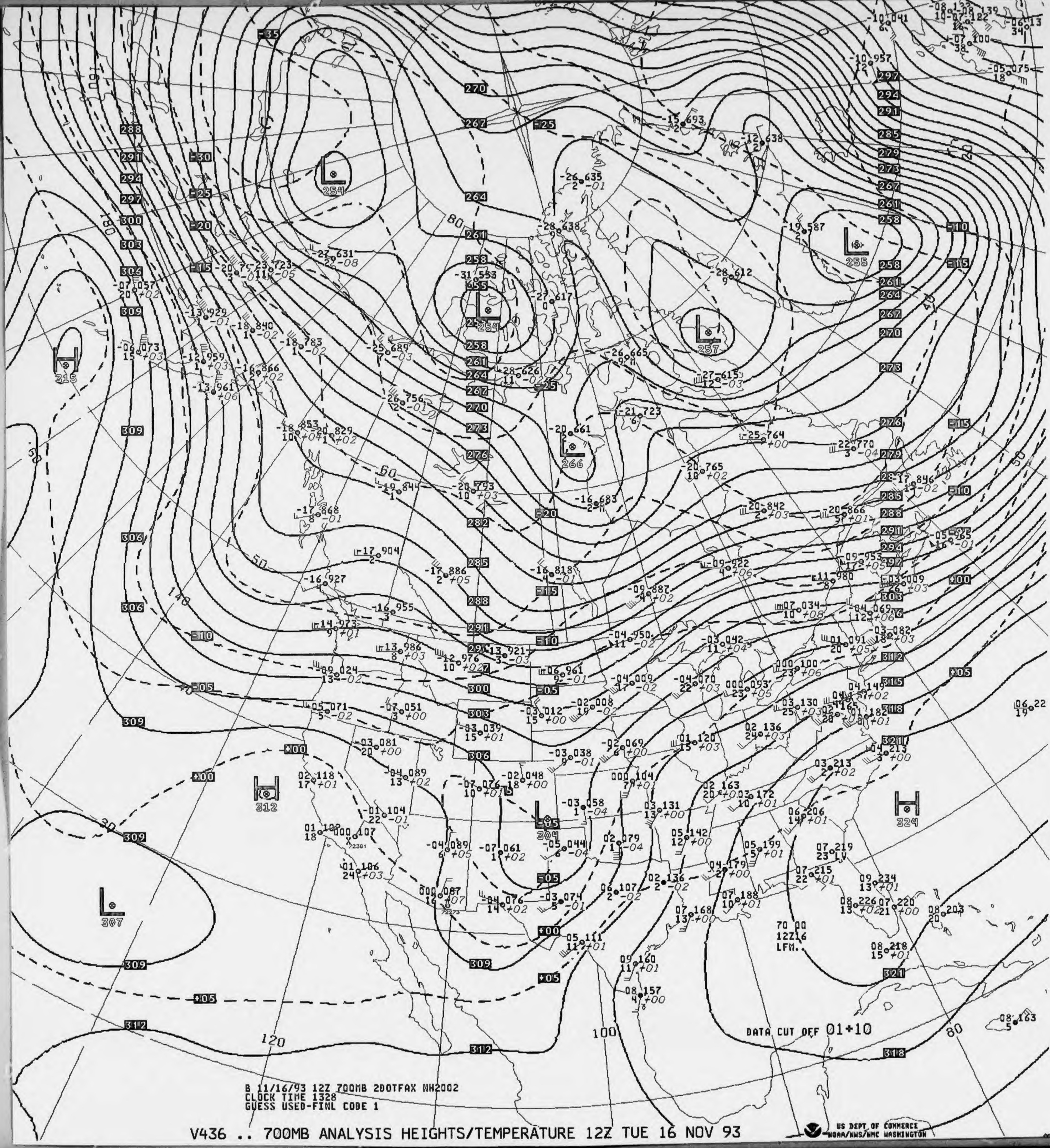
B 11/15/93 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1318
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 15 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/16/93 00Z 700MB 20OTFAX NH2002
CLOCK TIME 133
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
70 00
00Z16
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
H 314
H 325
H 312
L 261
L 253
L 258
L 258
L 267
L 309
L 302

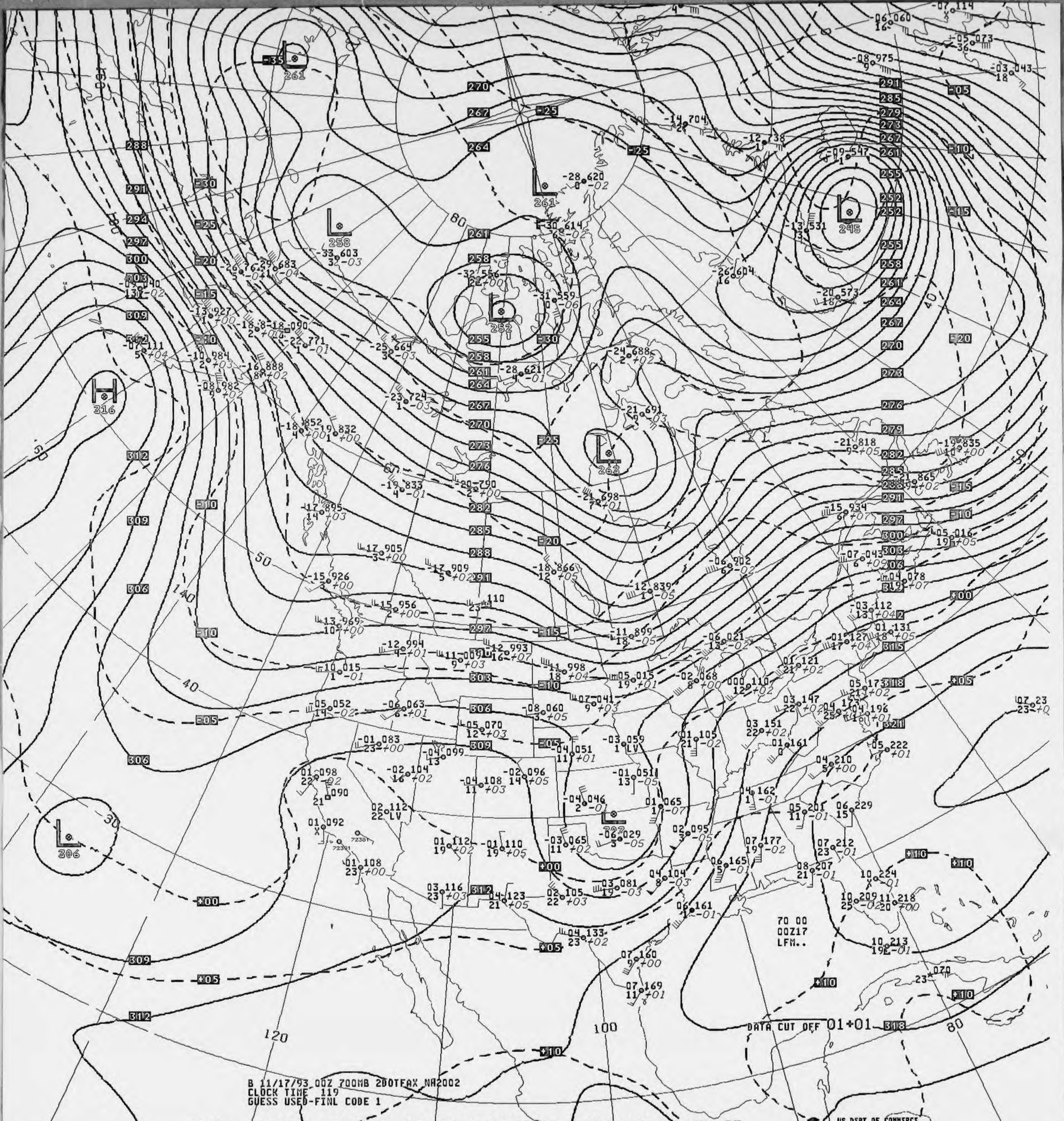
V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 16 NOV 93


L 254
L 254
L 257
L 255
L 266
H 315
H 312
L 304
H 324
L 307
DATA CUT OFF 01+10
70 00
12Z16
LFM..

B 11/16/93 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1328
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 16 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 316
L 306
L 261
L 258
L 261
L 252
L 263
L 245
L 302
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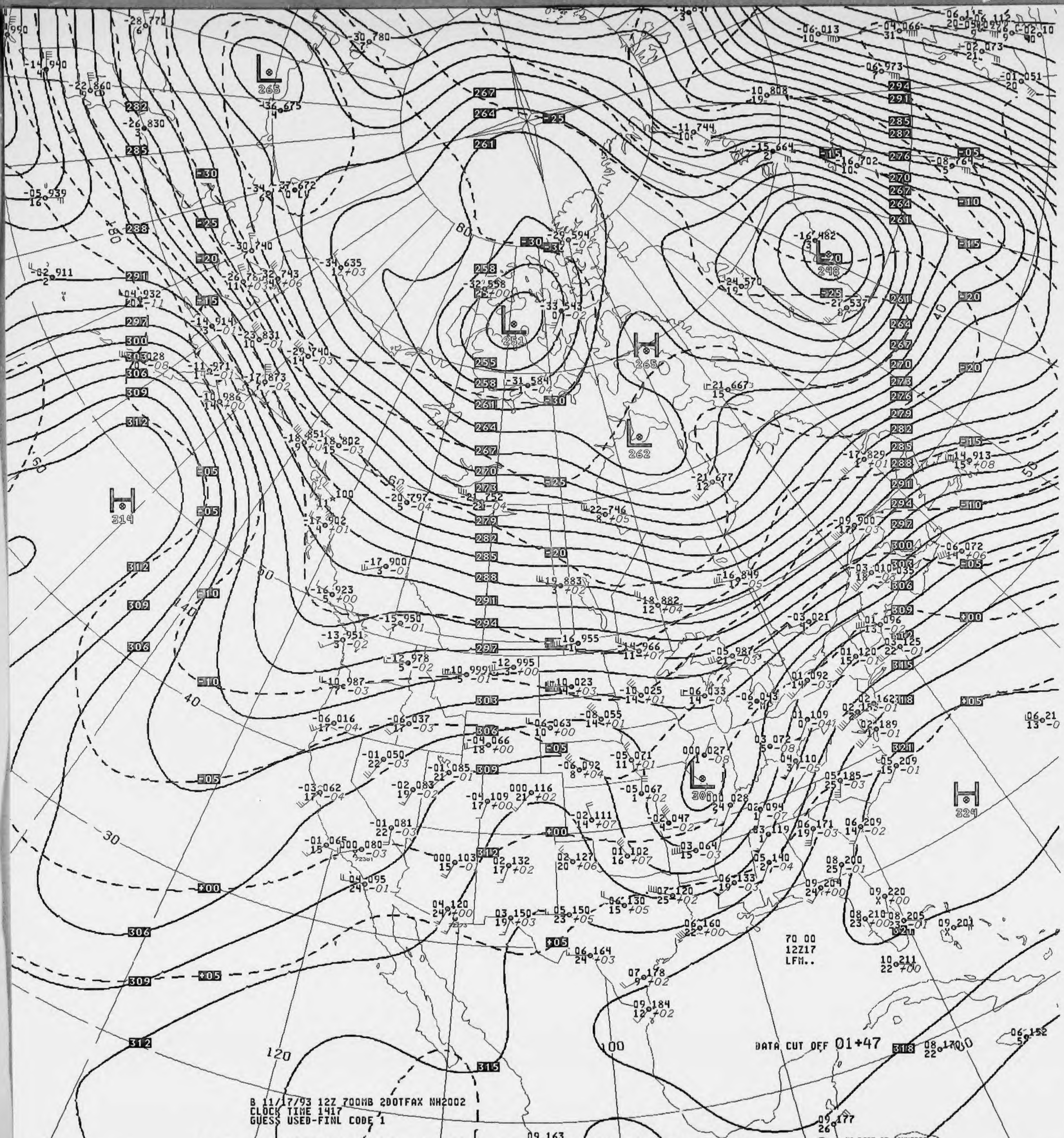
70 00
00Z17
LFM..
120
100
80
140
160
180
60
50
40
30

B 11/17/93 00Z 700MB 200TFAX NA2002
CLOCK TIME 119
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 17 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/17/93 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1417
GUESS USED-FINL CODE 1
DATA CUT OFF 01+47
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LFM..
L 265
L 251
L 248
L 262
L 300
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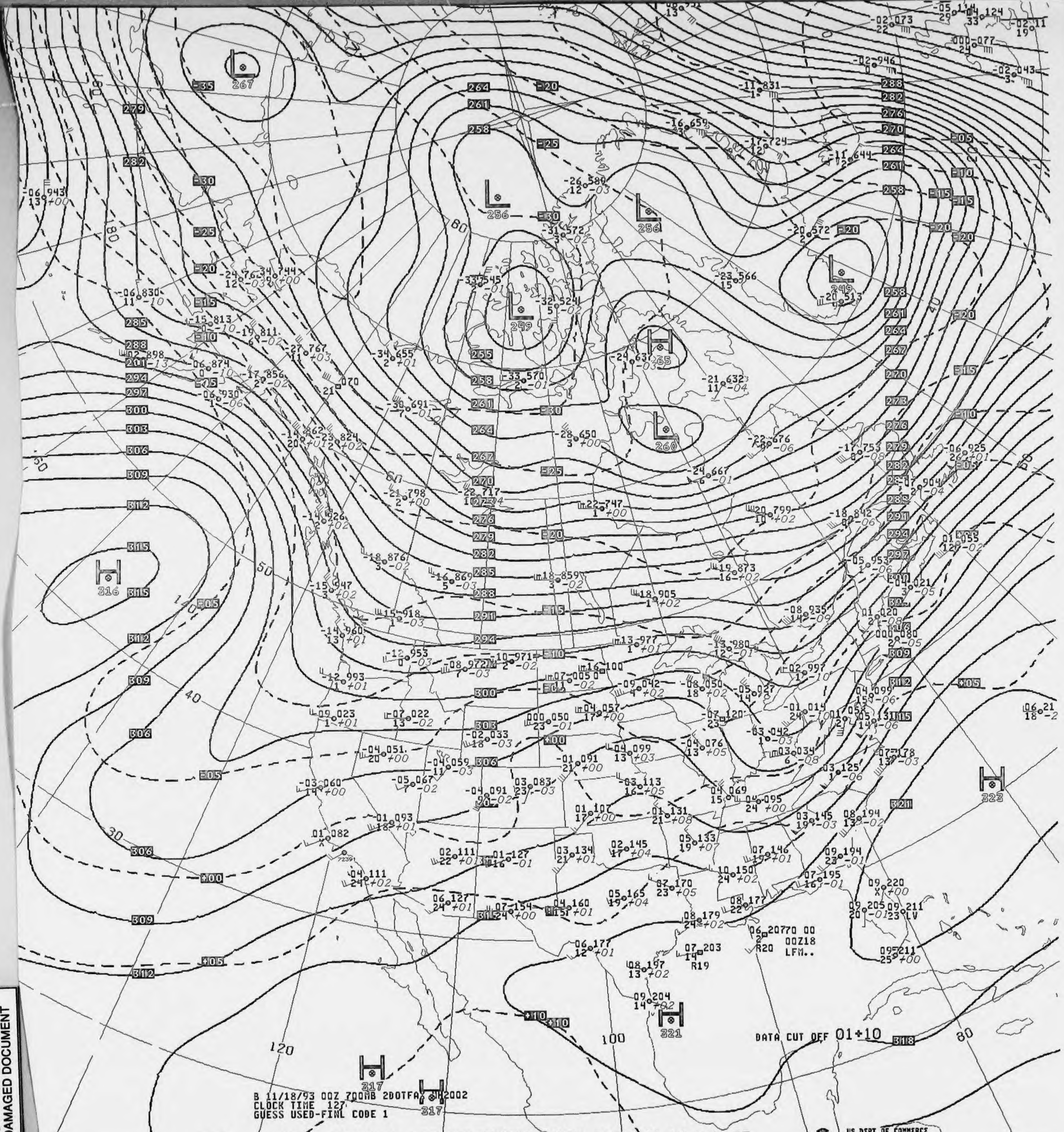
H 324
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 17 NOV 93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CLOCK TIME 127
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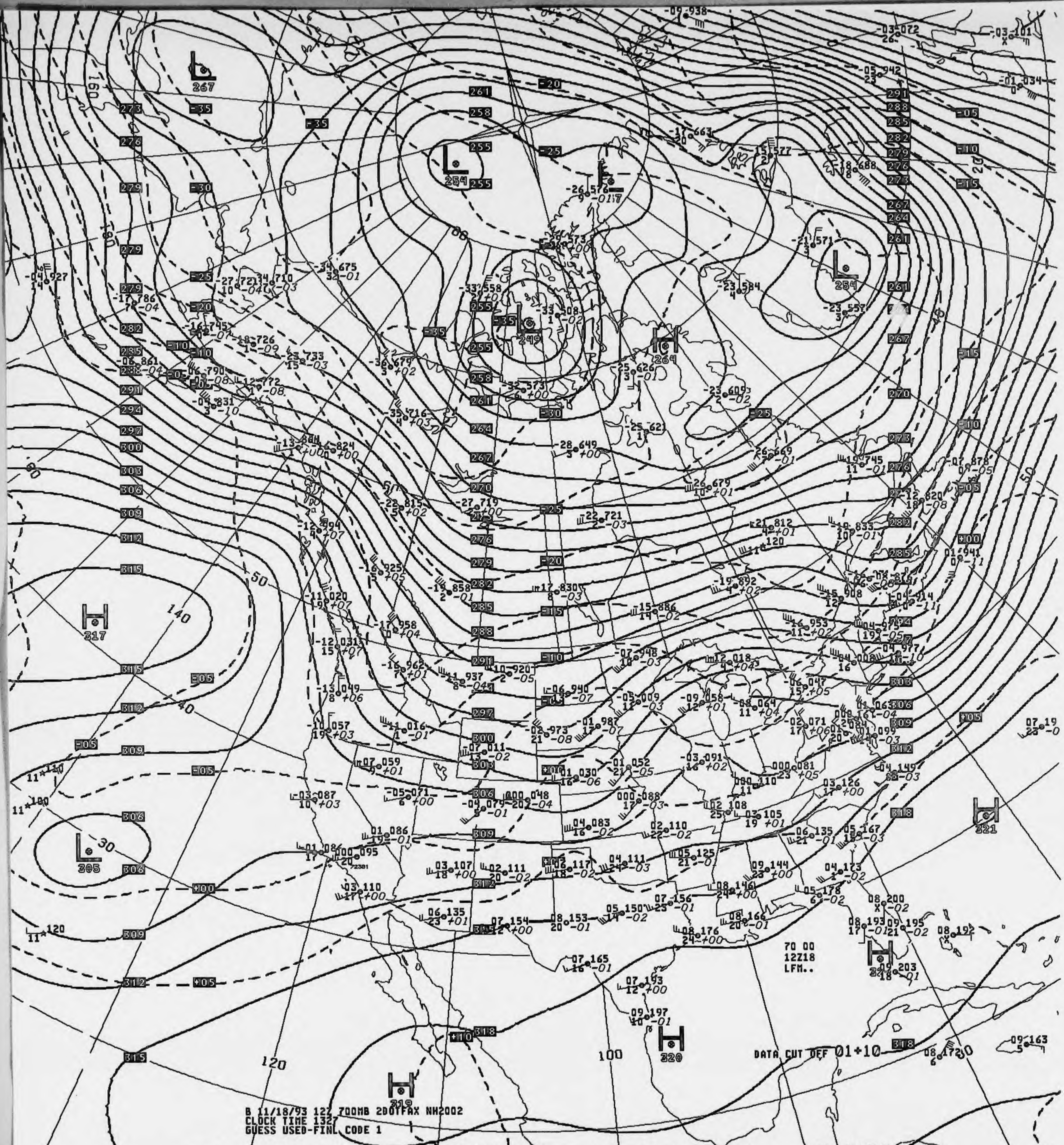
00Z18
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 18 NOV 93

BEST AVAILABLE RECORD
DAMAGED DOCUMENT


B 11/18/93 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1327
GUESS USED-FINL CODE 1
70 00
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LFM..
DATA CUT OFF 01+10
L 267
L 254
L 249
L 254
L 305
H 264
H 317
H 321
H 320
H 319
120
100
140
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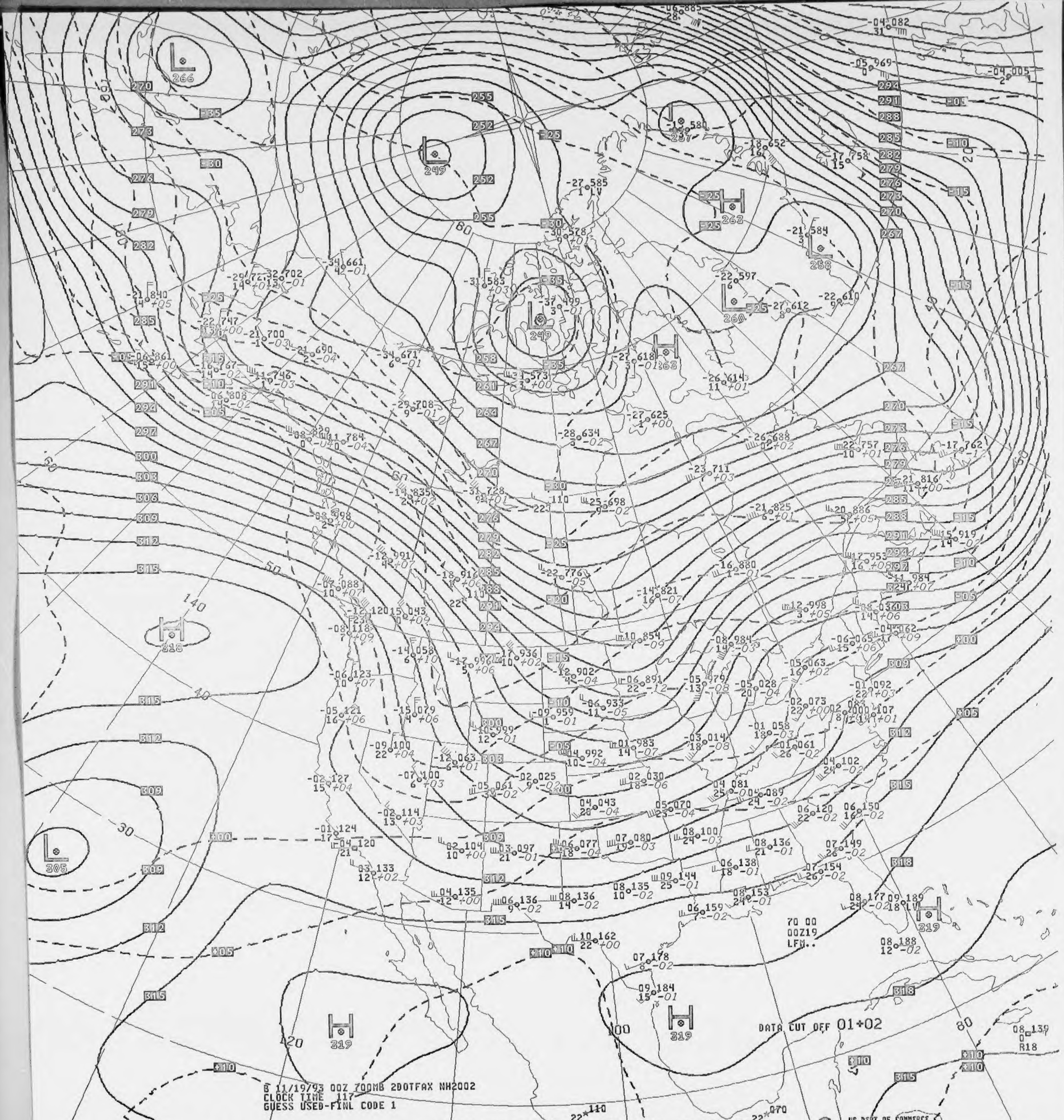
30

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 18 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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00Z19
LFM..
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CLOCK TIME 117
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
266
249
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262
318
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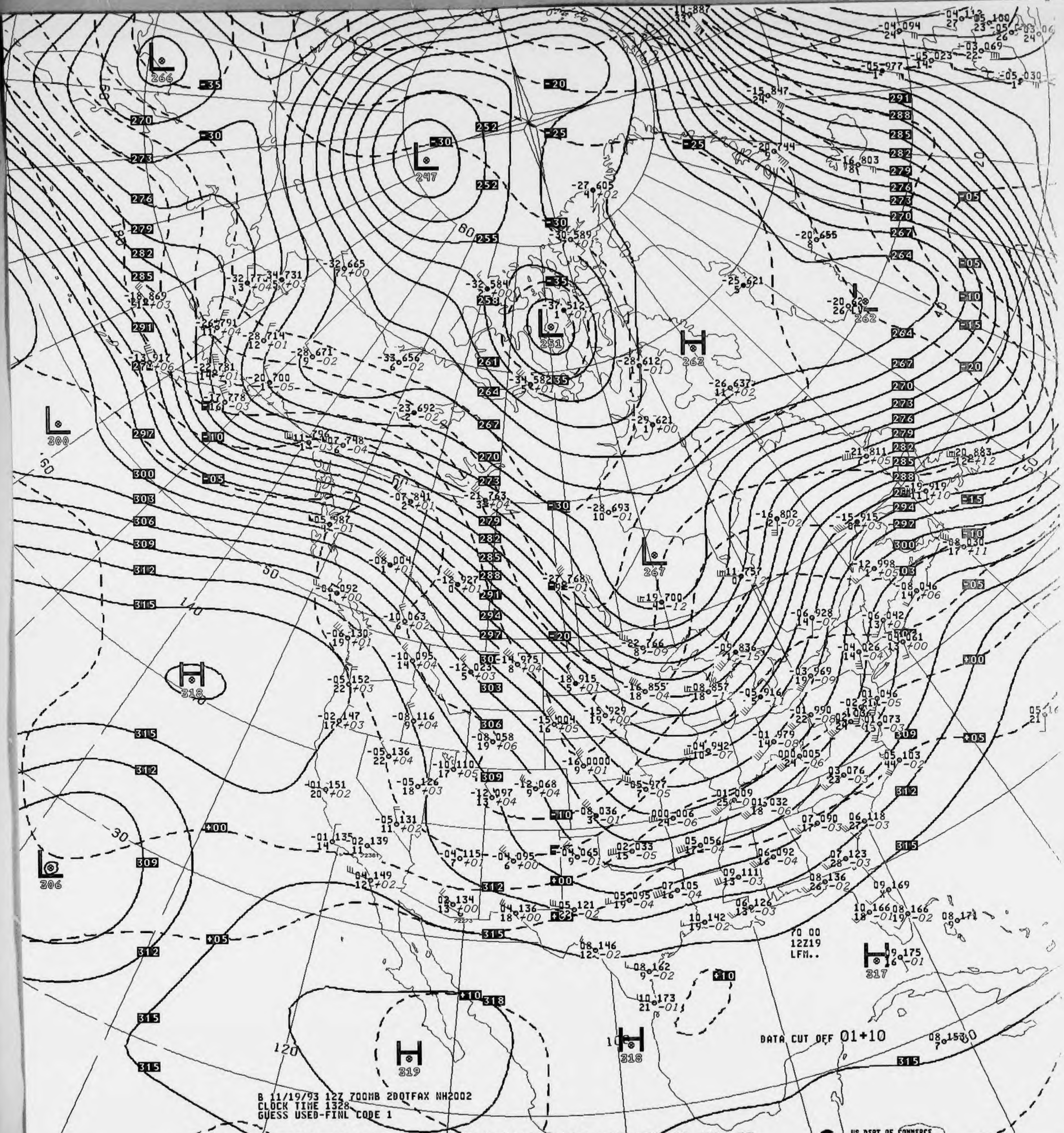
319
319
319

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 19 NOV 93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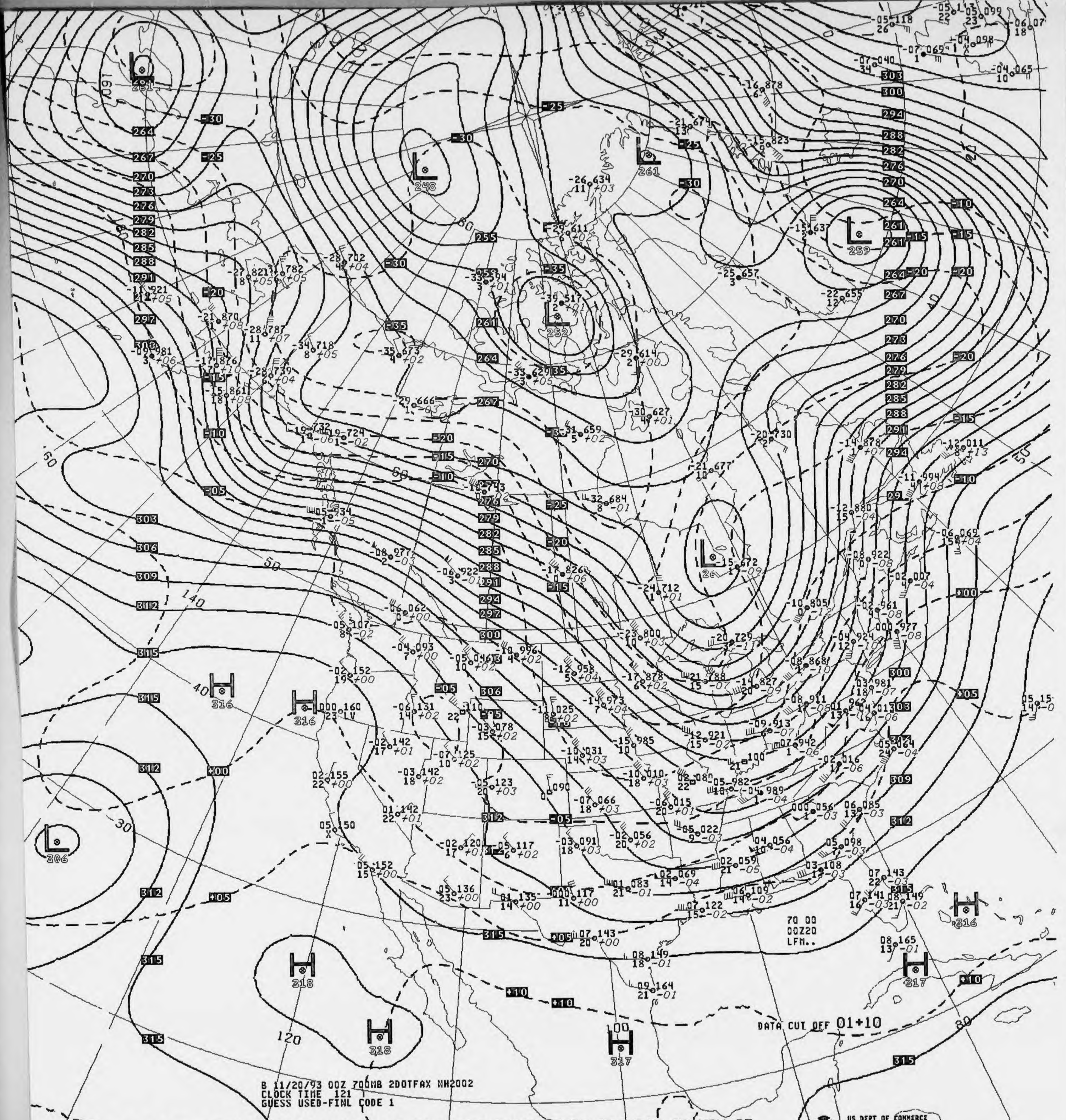
12Z19
LFM..
DATA CUT OFF 01+10
319
318
317
306
300
247
251
266
262
263
267

B 11/19/93 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1328
GUESS USED-FINL CODE 1

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 19 NOV 93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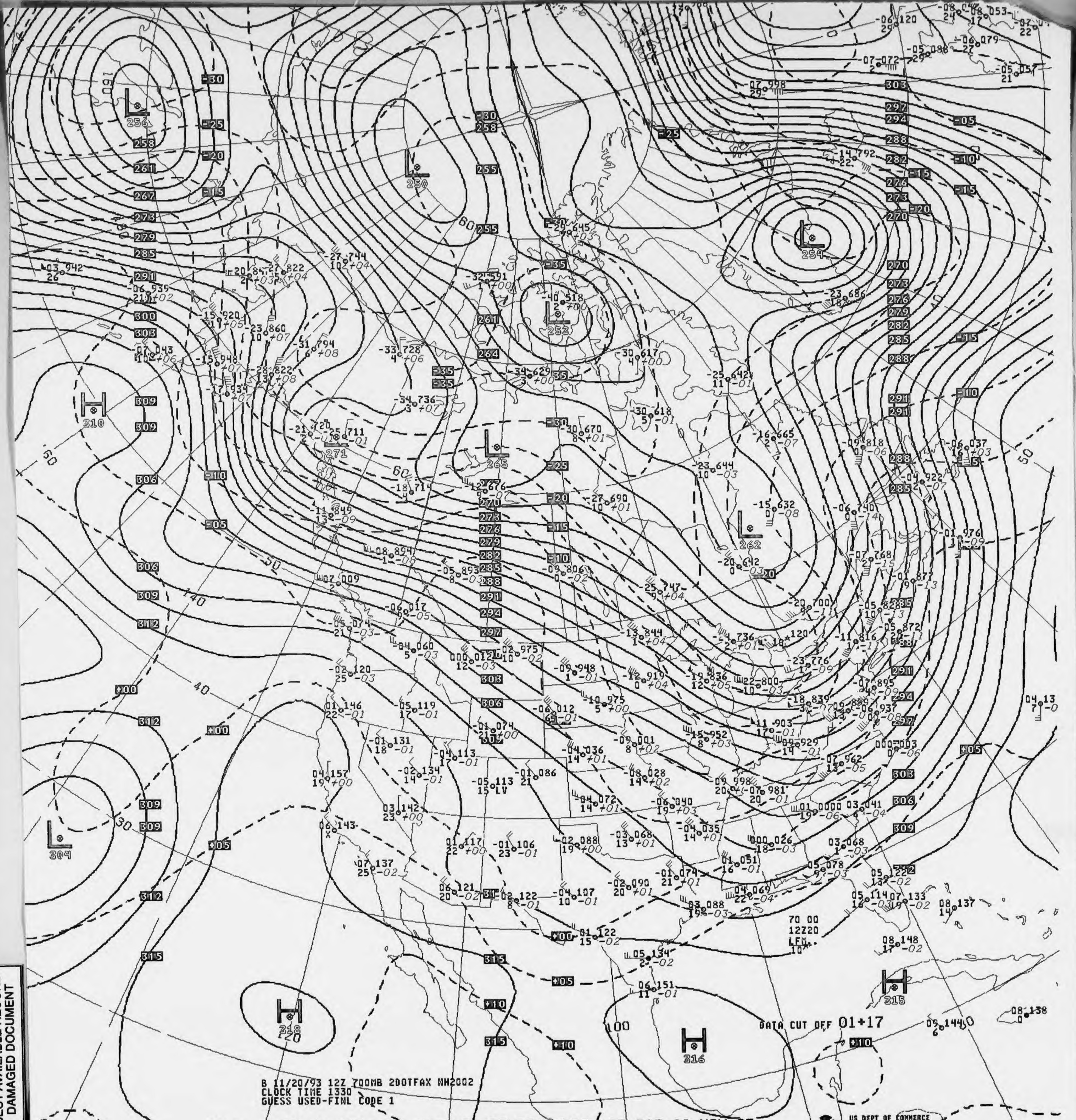
00Z20
LFM..

B 11/20/93 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 121
GUESS USED-FINL CODE 1

-V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 20 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

BEST AVAILABLE RECORD
DAMAGED DOCUMENT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CLOCK TIME 1330
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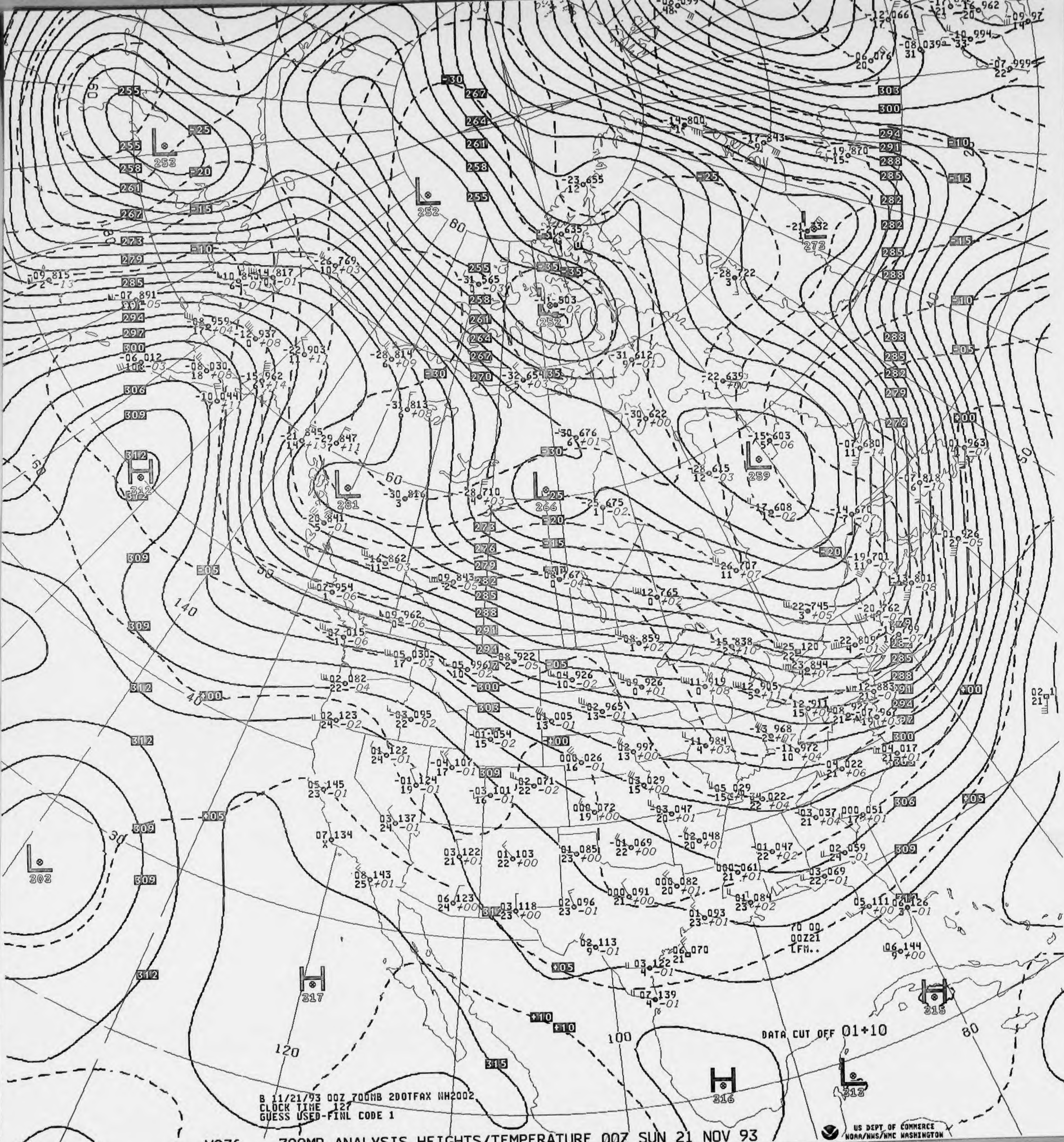
H
318
H
316
H
315
H
310
L
304
L
256
L
250
L
253
L
254
L
262
L
265
L
271

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 20 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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CLOCK TIME 127
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
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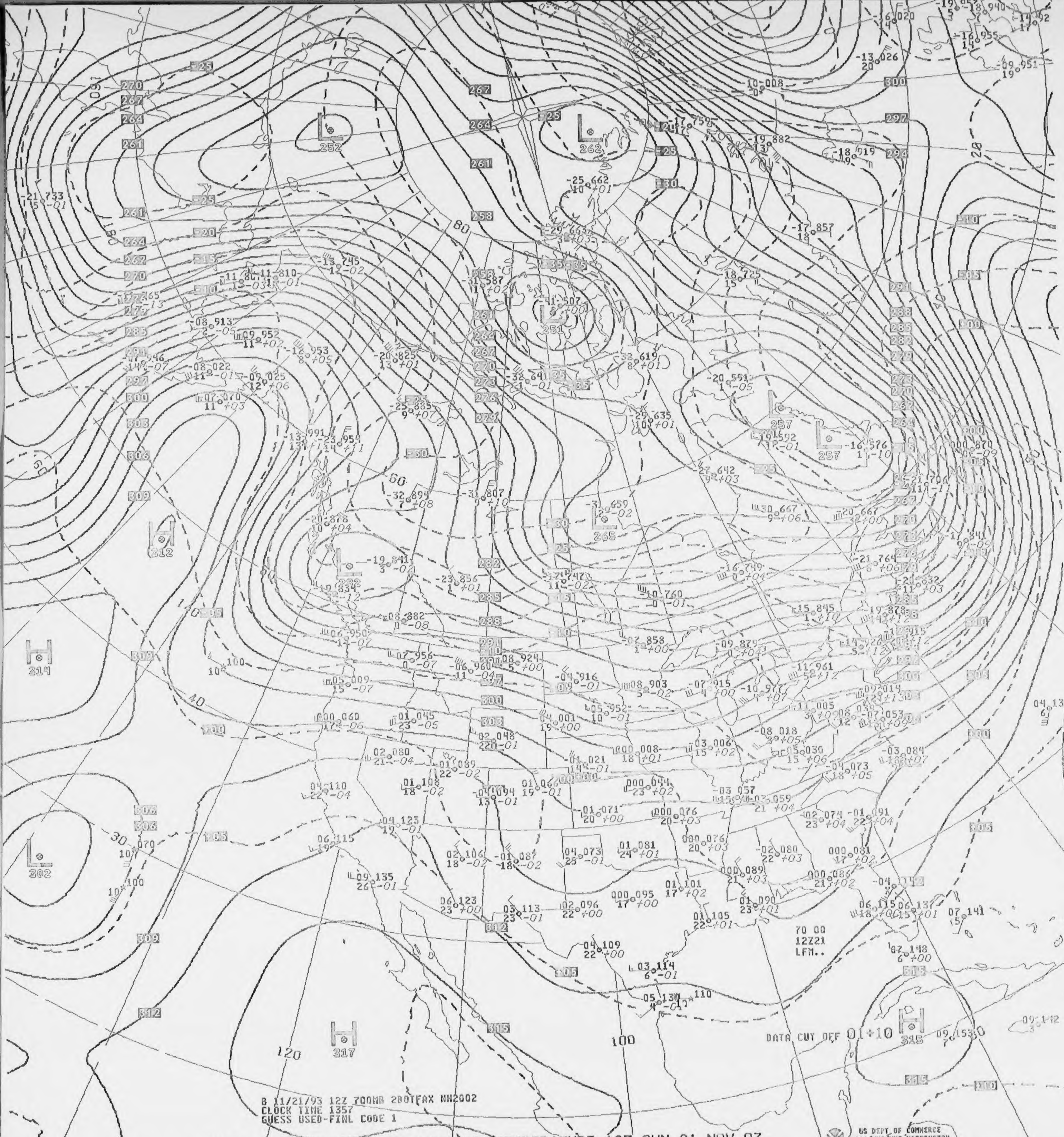
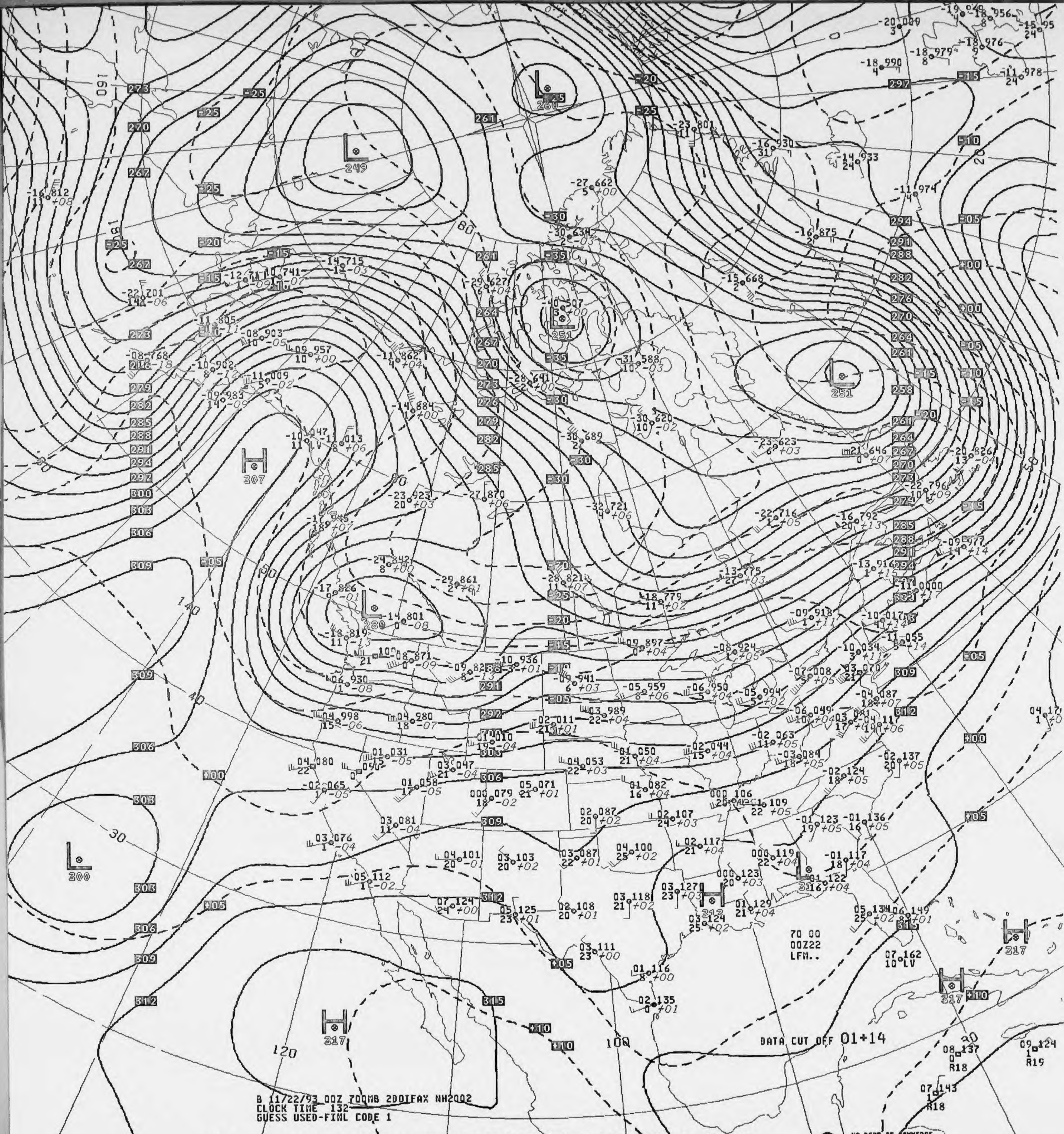
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 21 NOV 93

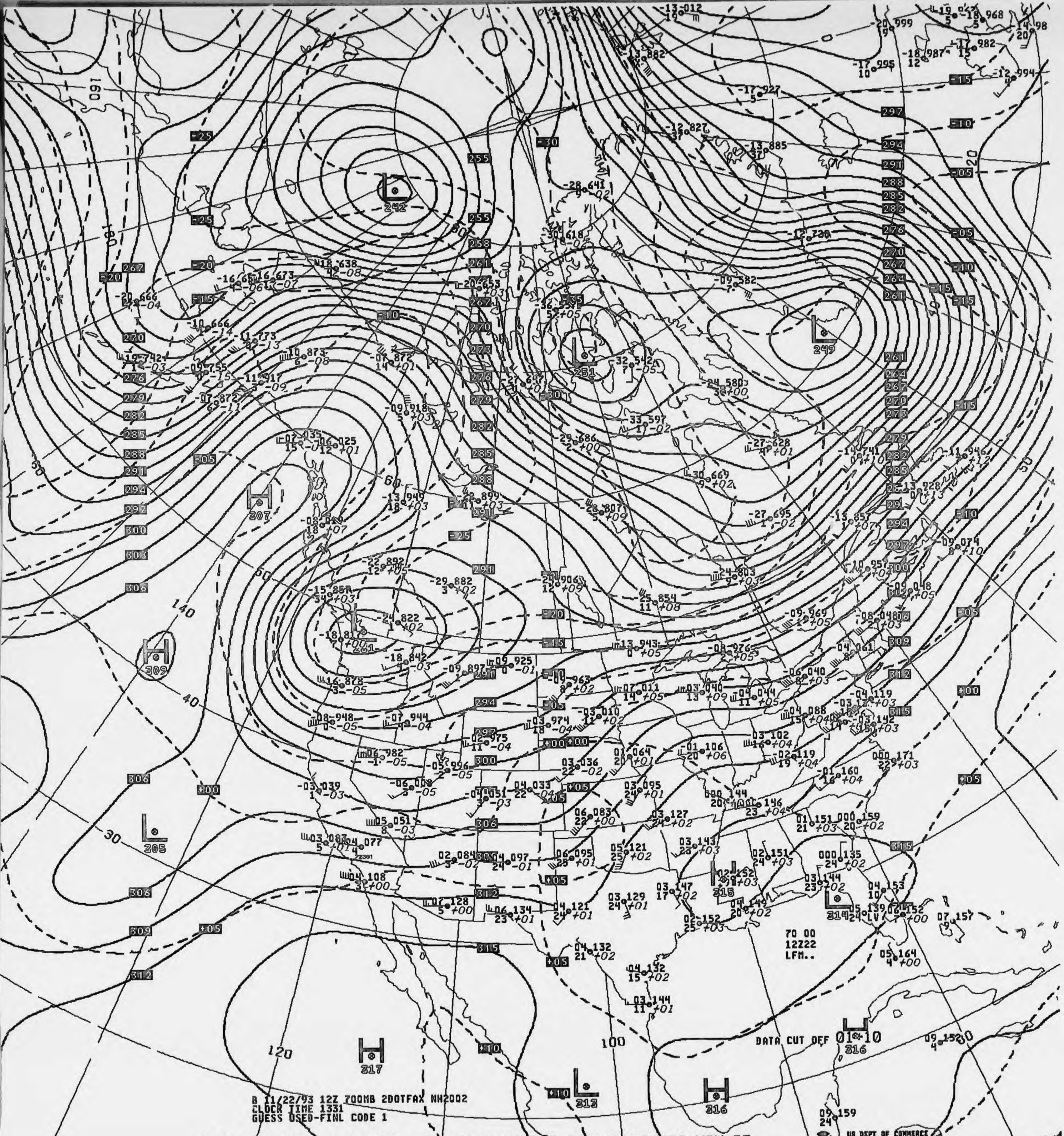

L 252
L 262
L 251
L 257
L 257
L 265
L 222
L 302
H 312
H 314
H 317
H 315
70 00
12Z21
LFM..
DATA CUT OFF 01+10
B 11/21/93 12Z 700MB 20DTFAX NH2002
CLOCK TIME 1357
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 21 NOV 93


B 11/22/93 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 132
GUESS USED-FINL CODE 1
DATA CUT OFF 01+14
70 00
00Z22
LFM..
L 249
L 260
L 251
L 251
L 280
L 300
H 307
H 317
H 312
H 316
H 317
H 317

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 22 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 307
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H 309
L 305
H 317
L 312
H 316
H 316
L 314
H 315
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12Z22
LFM..
DATA CUT OFF 01:10
B 11/22/93 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1331
GUESS USED-FINL CODE 1
160
140
120
100
80
60
50
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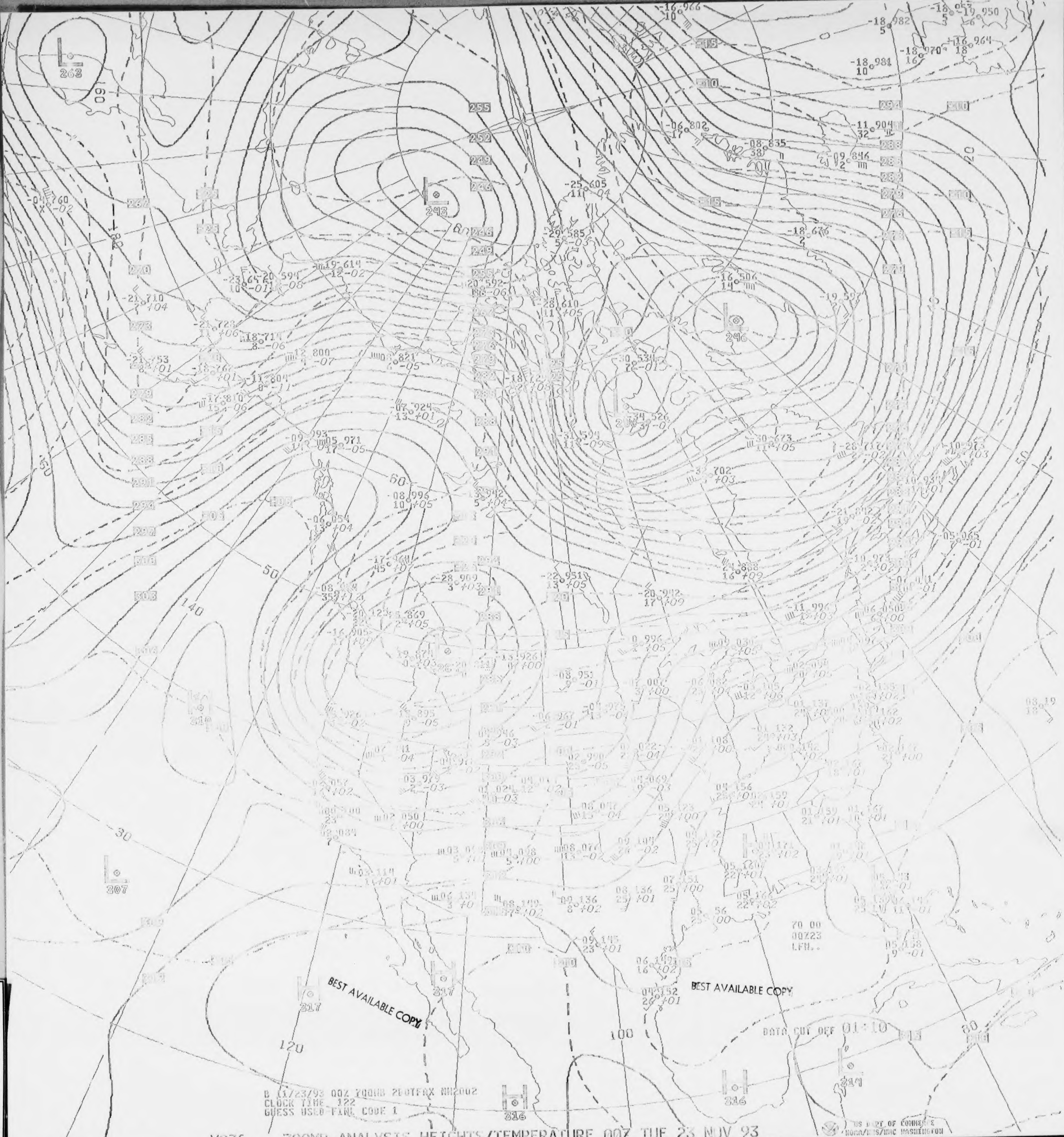
30
20

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 22 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 263
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L 246
L 207
H 210
H 317
H 317
H 316
H 316
H 214
70 00
00Z23
LFM..
DATA CUT OFF 01+10
120
100
80
50
30
140
60

BEST AVAILABLE COPY

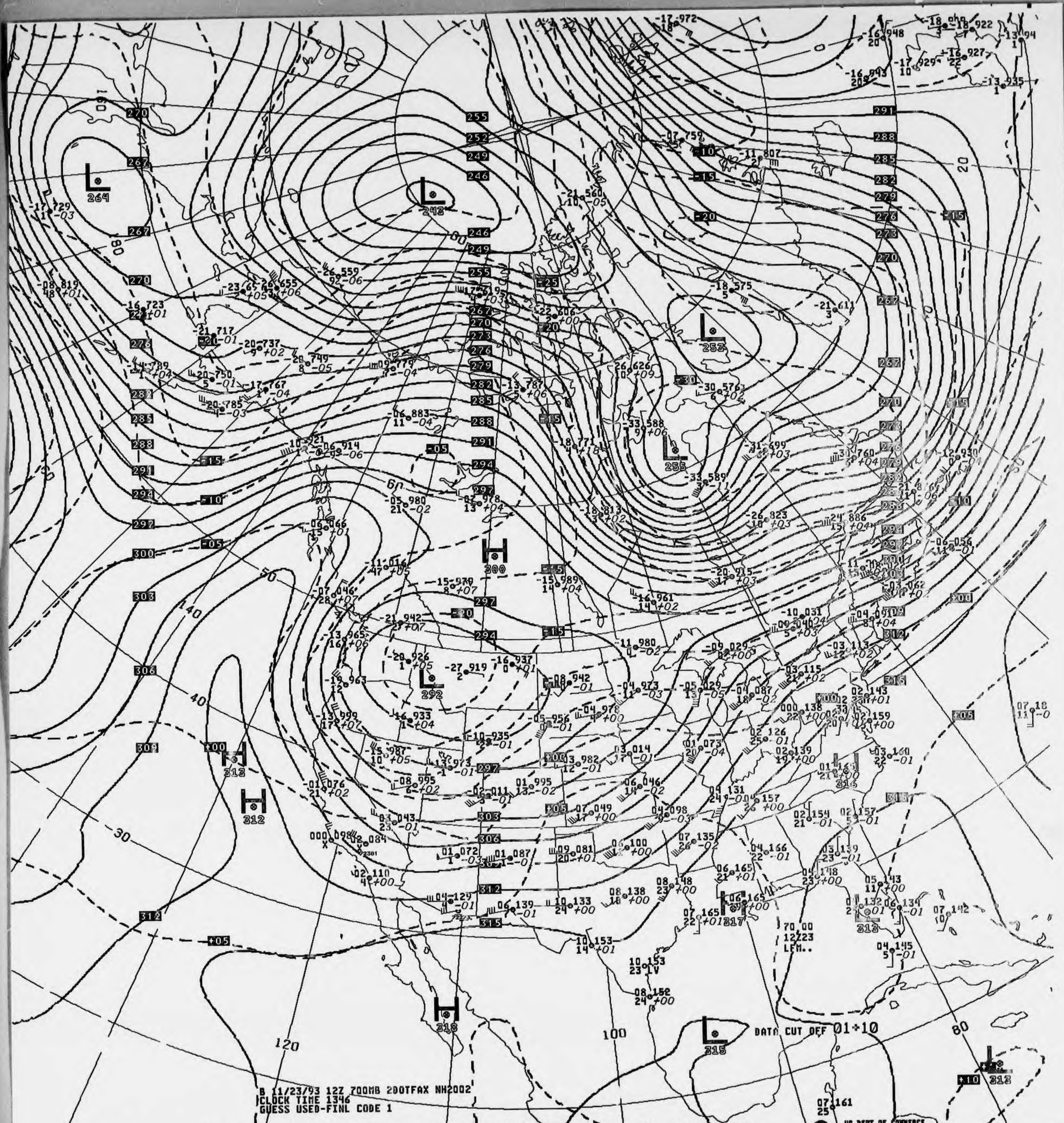
BEST AVAILABLE COPY

B 11/23/93 00Z 700MB 2BOTFAX NH2002
CLOCK TIME 122
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 23 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

BEST AVAILABLE RECORD
LIGHT IMAGE


L 264
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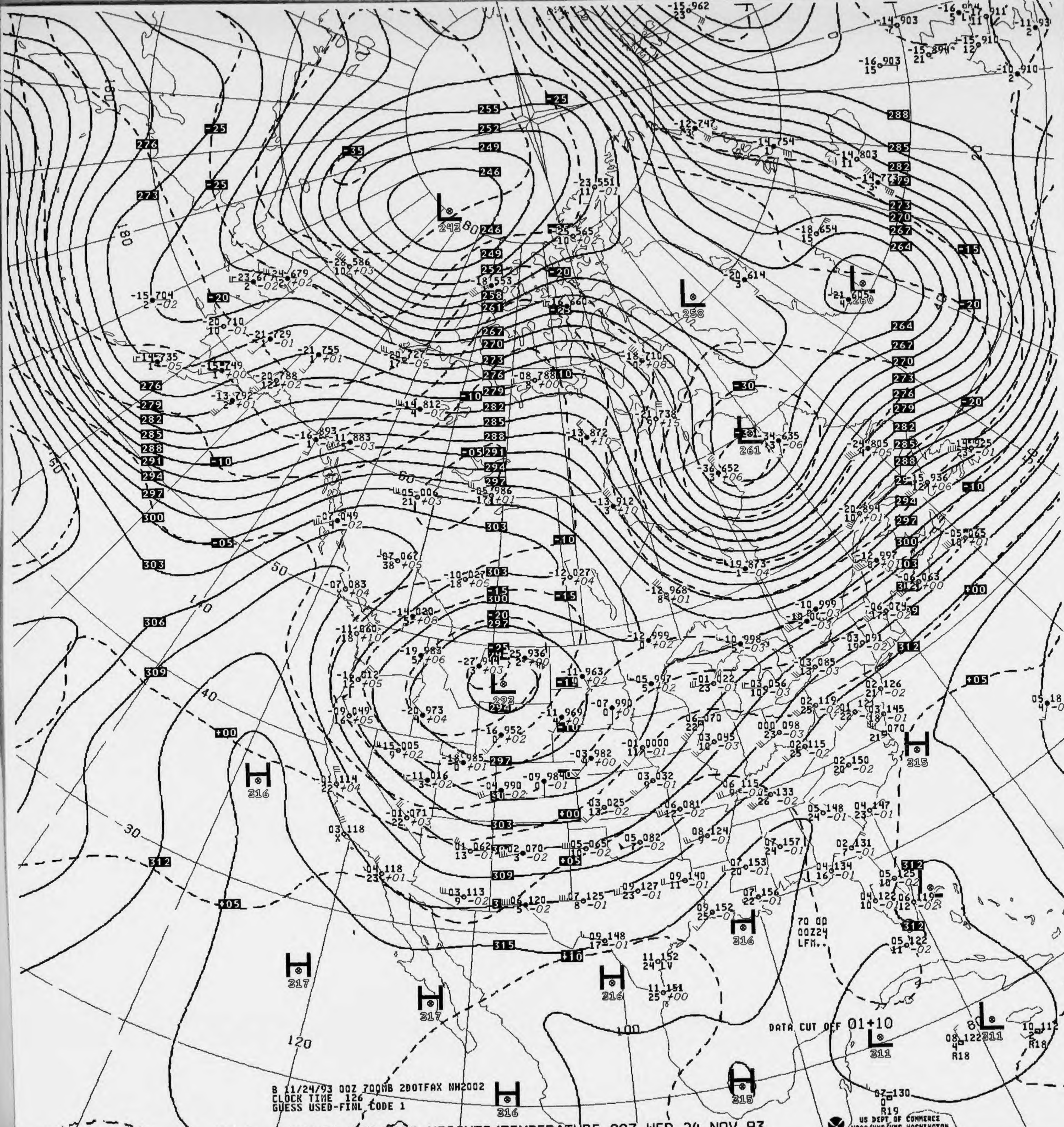
L 252
L 255
L 292
H 300
H 313
H 312
H 318
L 315
H 316
L 317
L 313
L 313
DATA CUT OFF 01+10
70 00
12223
LFM..
B 11/23/93 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1346
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
120
100
80
140
50
40
30
20

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 23 NOV 93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CLOCK TIME 126
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
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00Z24
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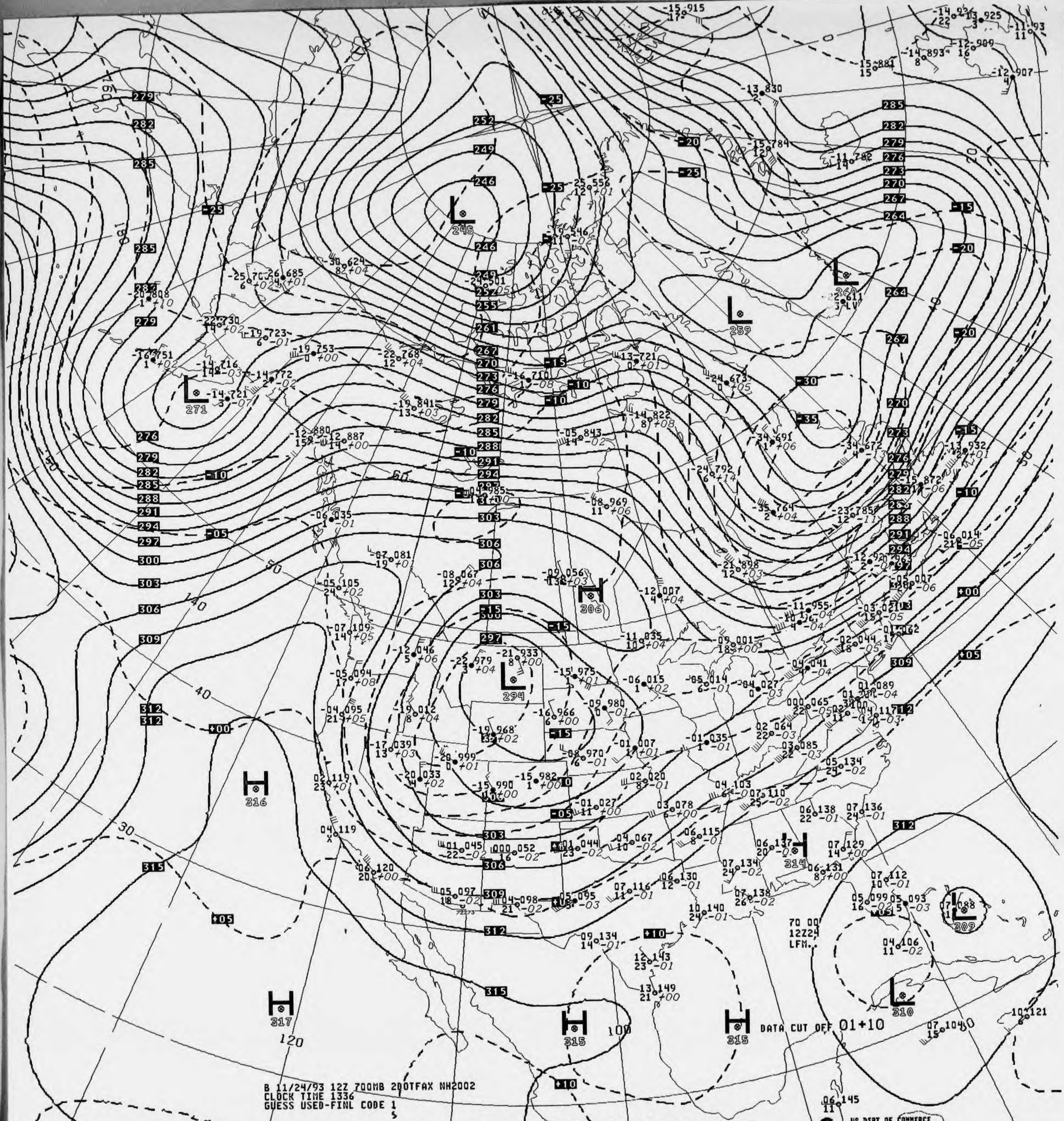
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 24 NOV 93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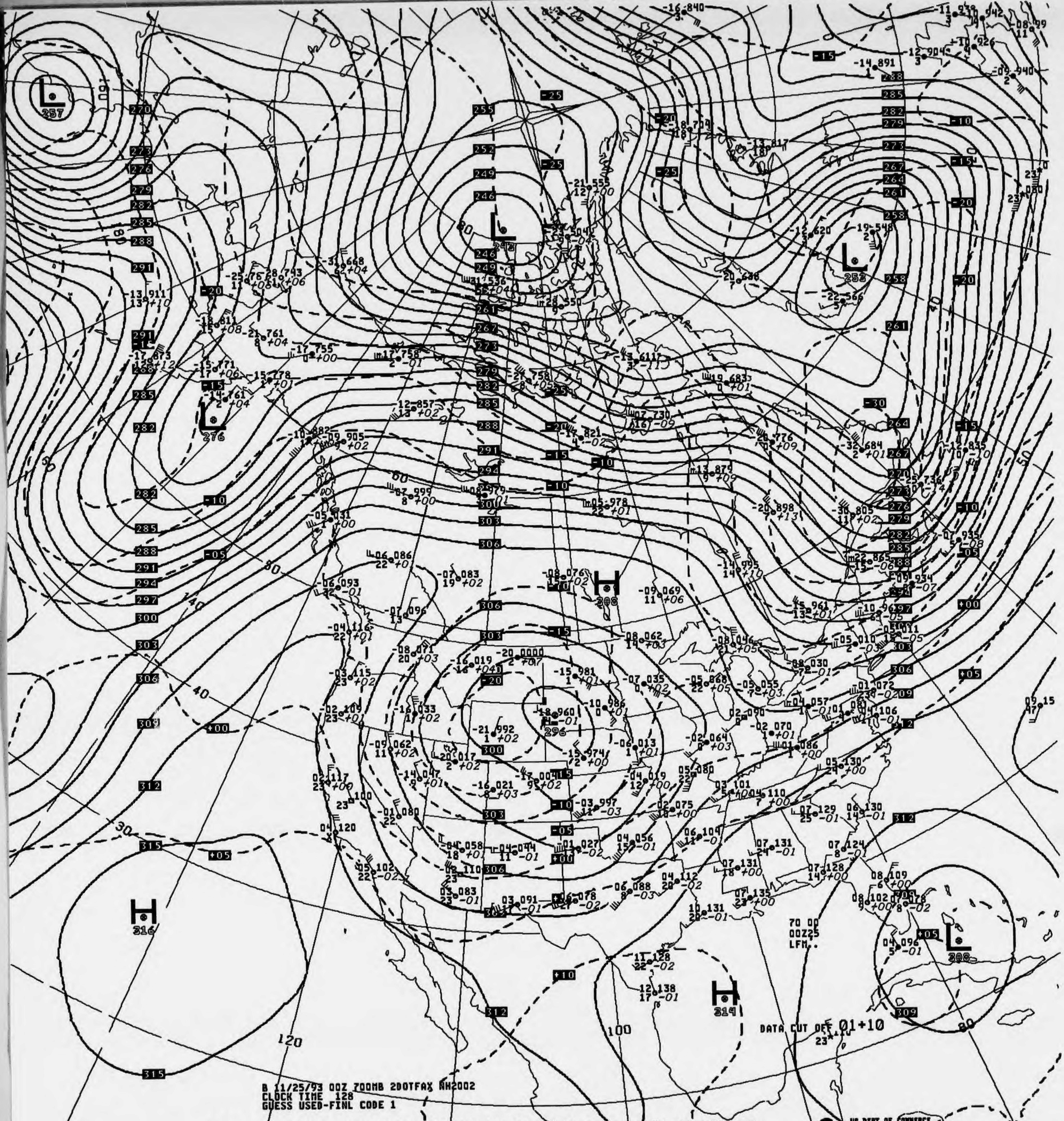
12Z24
LFM..

B 11/24/93 12Z 700MB 200TFAX NH2002
CLOCK TIME 1336
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 24 NOV 93

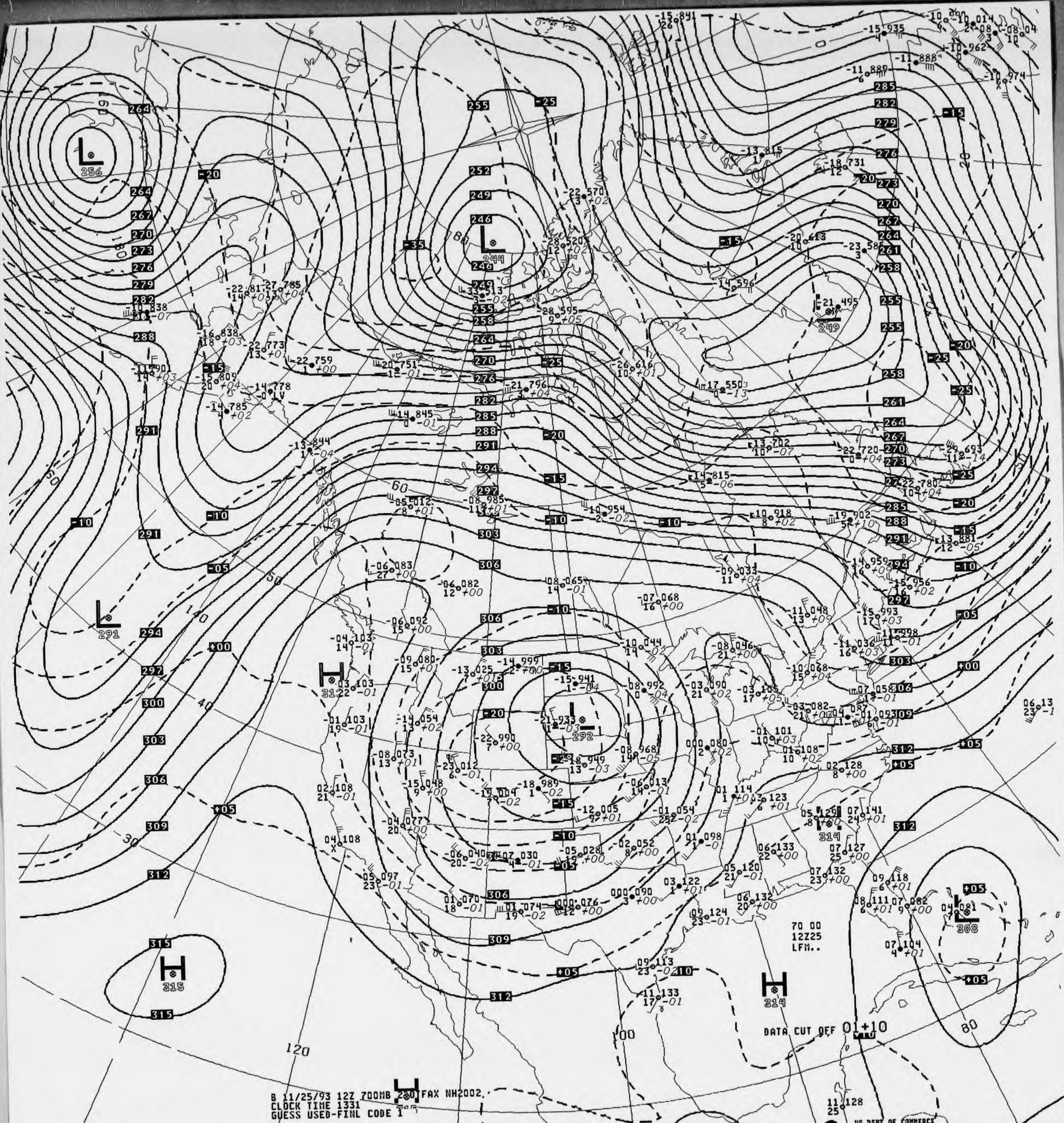
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 257
L 243
L 252
L 276
H 308
H 296
H 316
H 314
L 308
70 00
00Z25
LFM..
DATA CUT OFF

B 11/25/93 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 128
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 25 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 11/25/93 12Z 700MB 280 FAX NH2002
CLOCK TIME 1331
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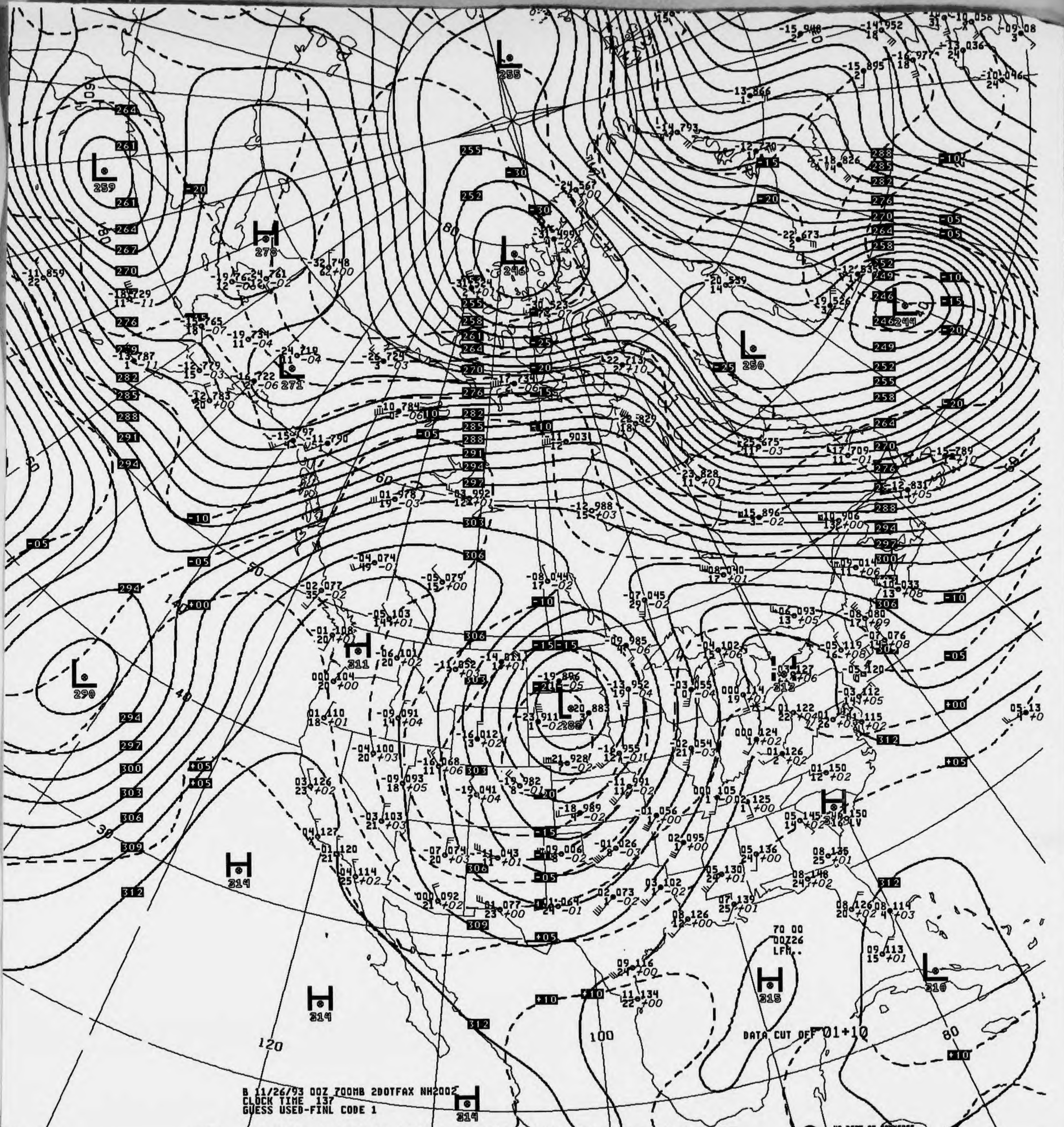
12Z25
LFM..
DATA CUT OFF 01+10
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
L 256
L 244
L 249
L 291
L 292
L 308
H 312
H 315
H 314

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 25 NOV 93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L 246
L 250
L 244
L 271
L 290
H 311
L 288
H 312
H 314
H 314
H 315
L 310
H 314
70 00
00Z26
LFM..
DATA CUT OFF 01+10

B 11/26/93 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 137
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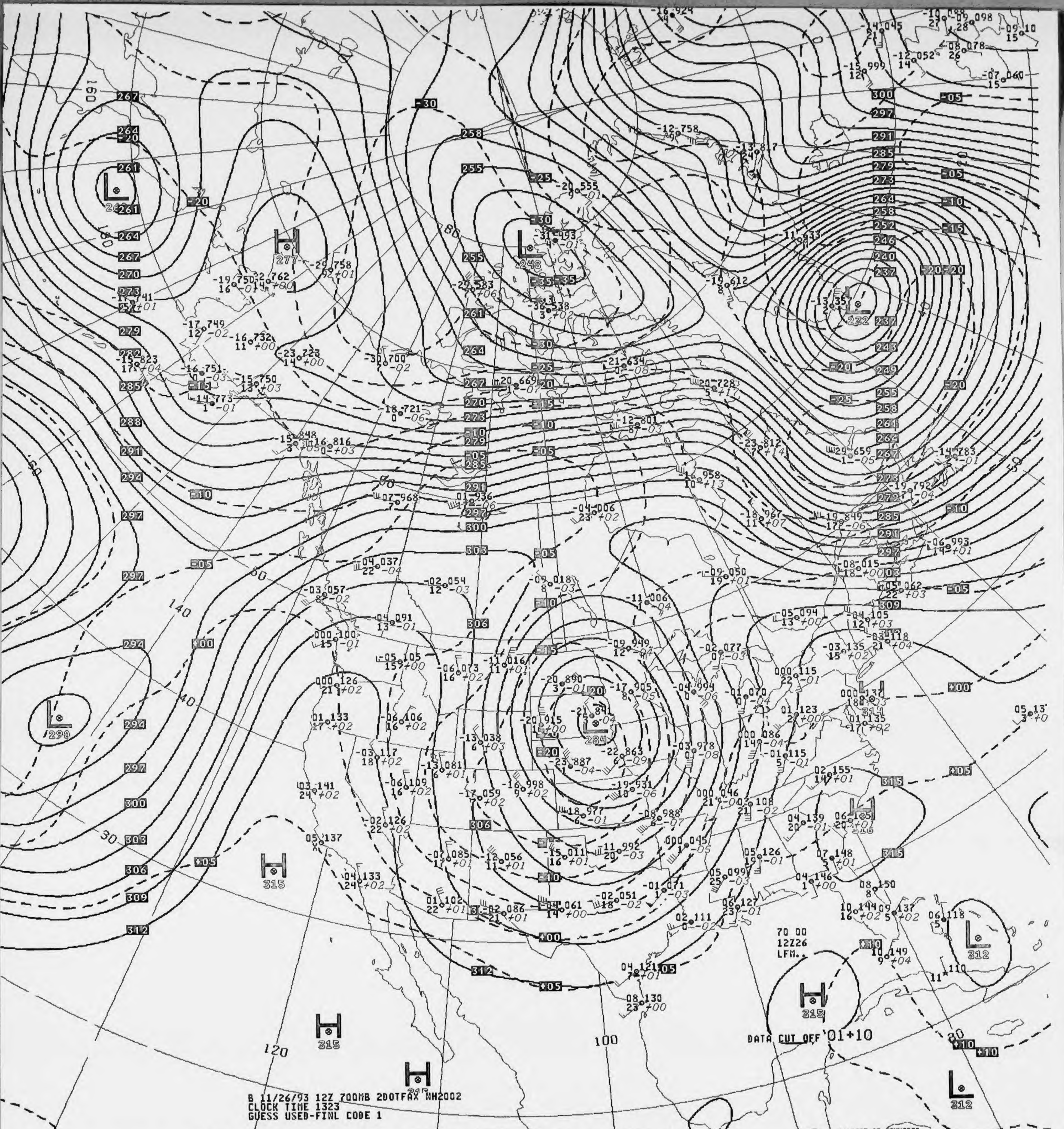
V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 26 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 1323
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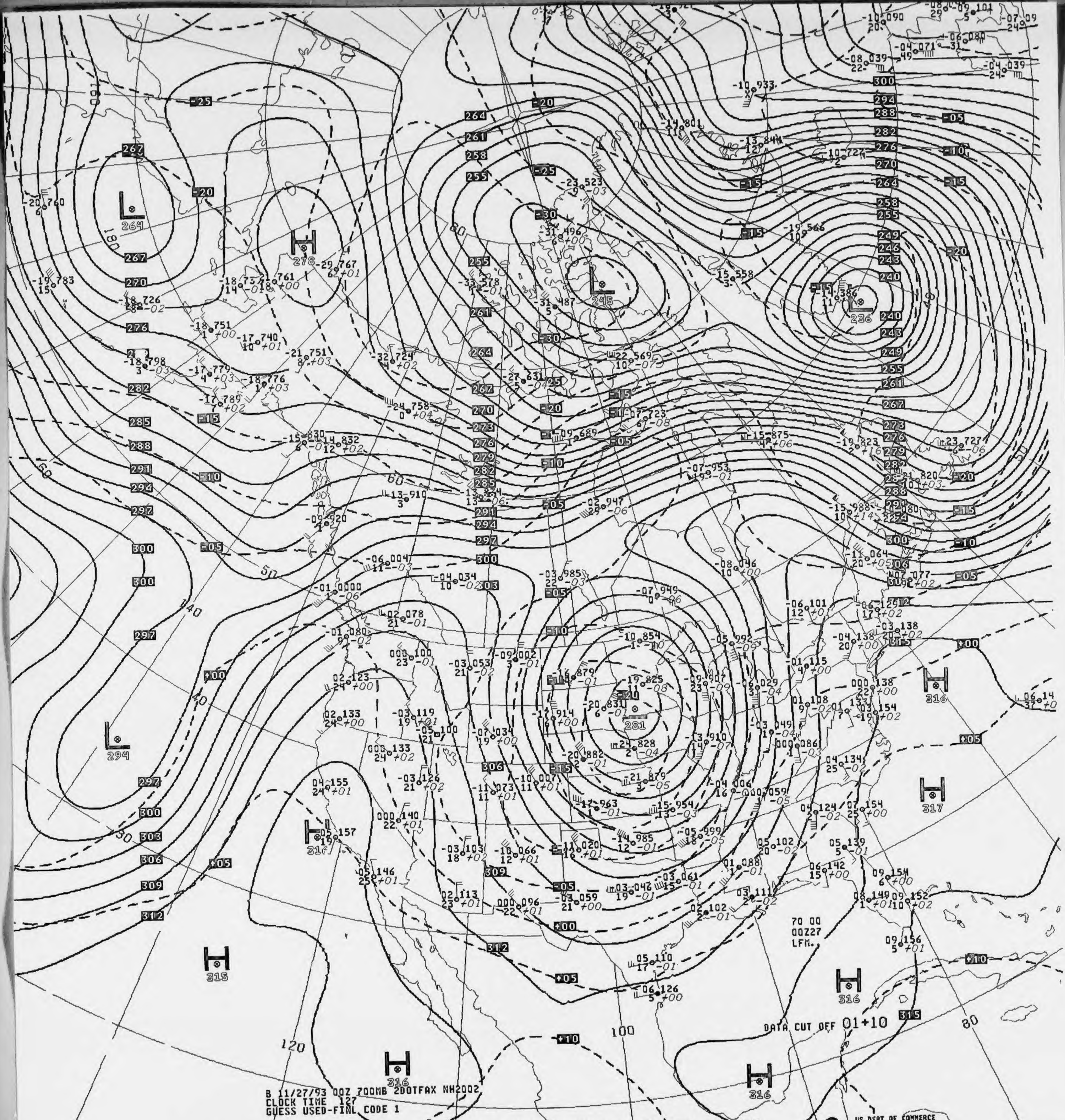
V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 26 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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CLOCK TIME 127
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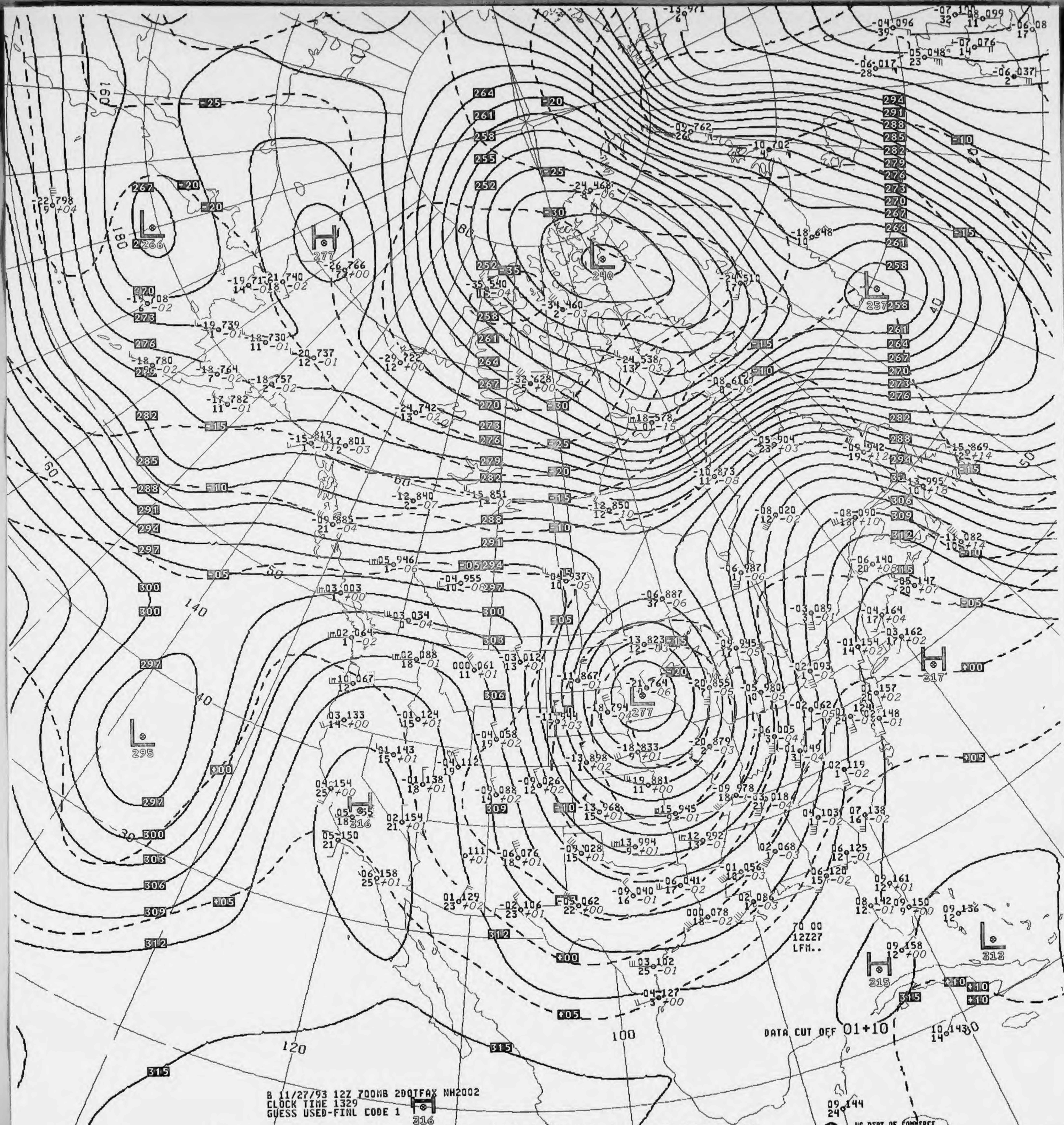
V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 27 NOV 93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12Z27
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
H
L
240
257
266
277
295
313
315
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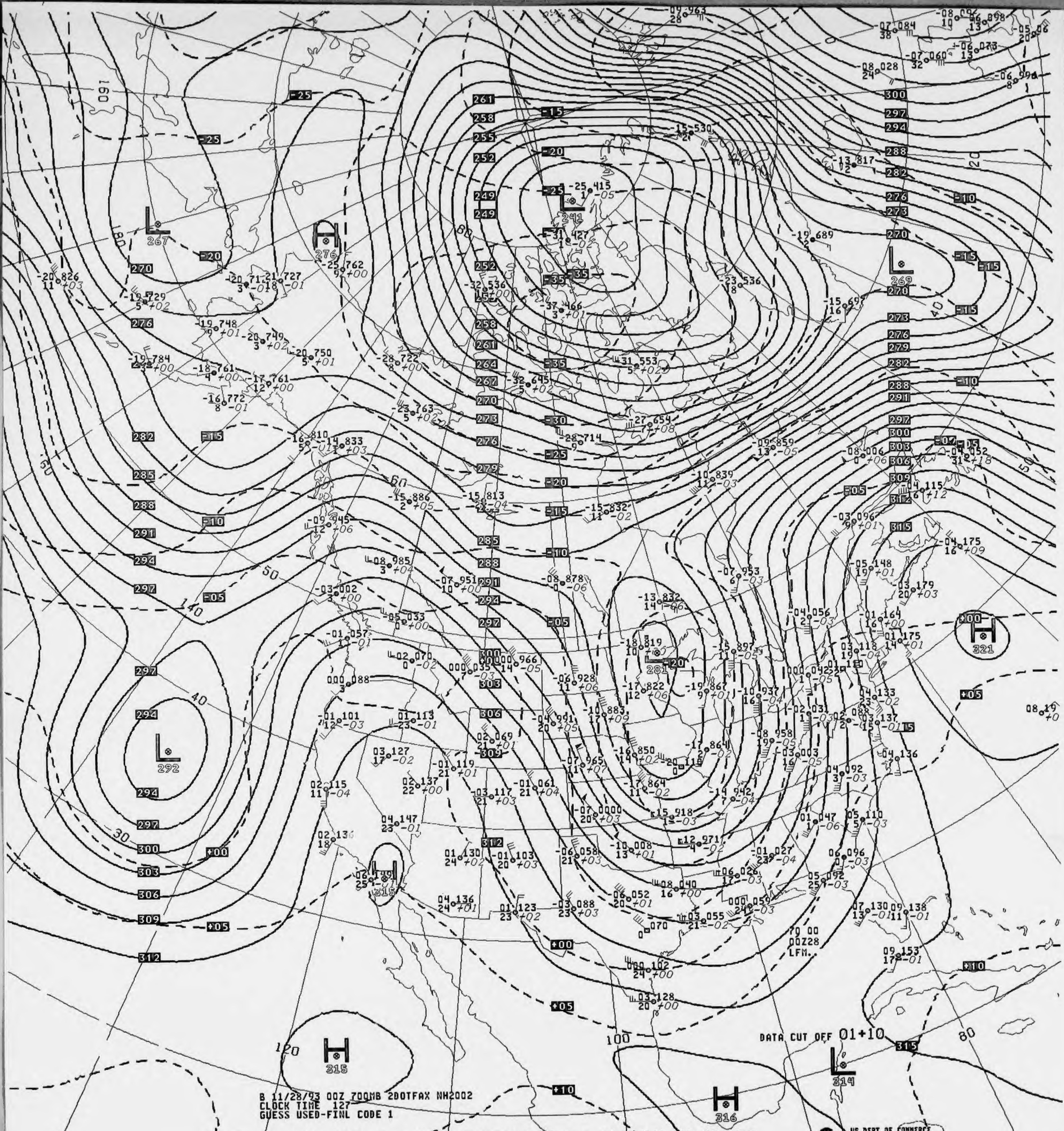
V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 27 NOV 93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L 241
L 269
L 292
L 281
H 321
H 315
H 315
H 316
L 314
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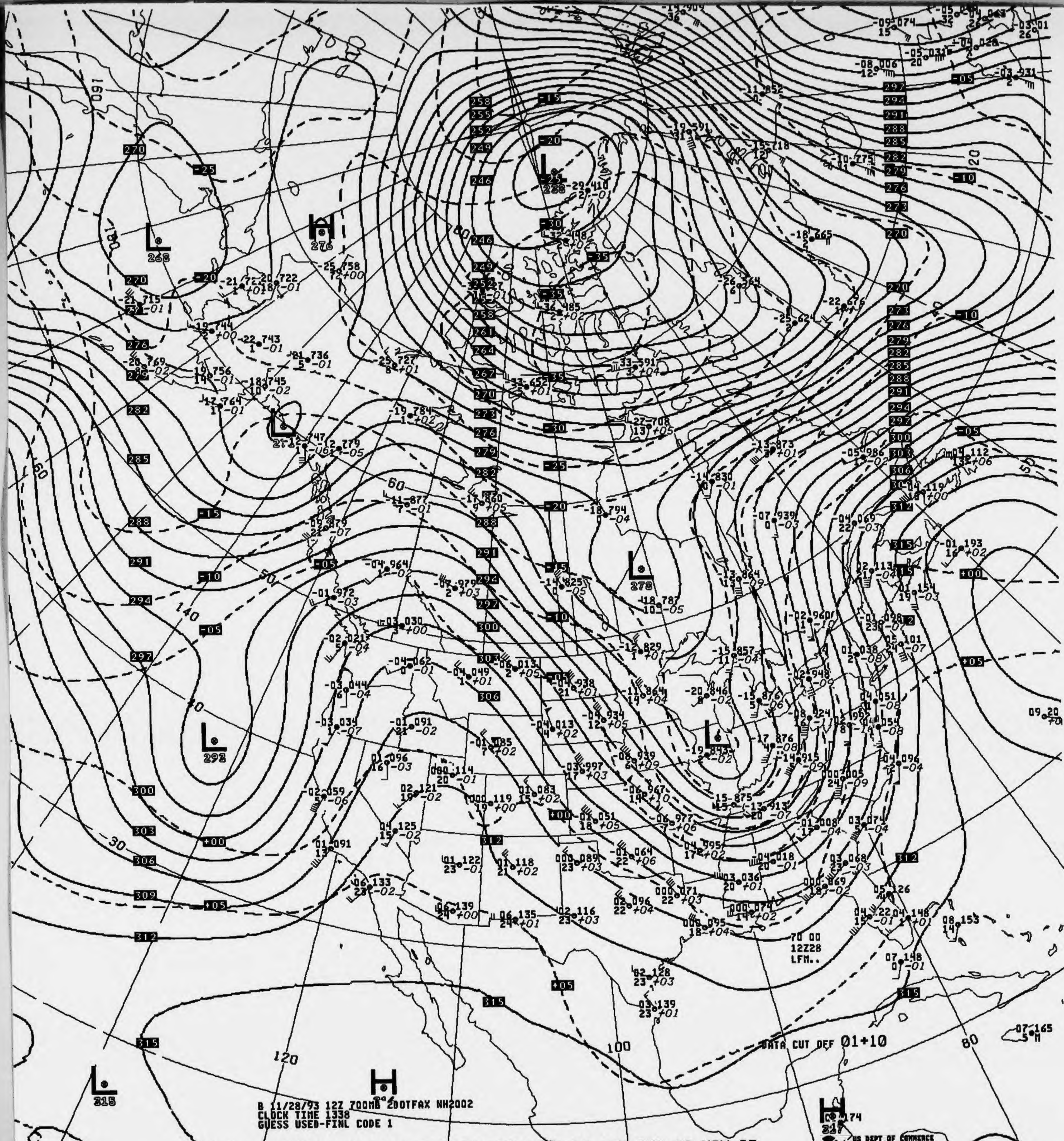
DATA CUT OFF 01+10

B 11/28/93 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 28 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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CLOCK TIME 1338
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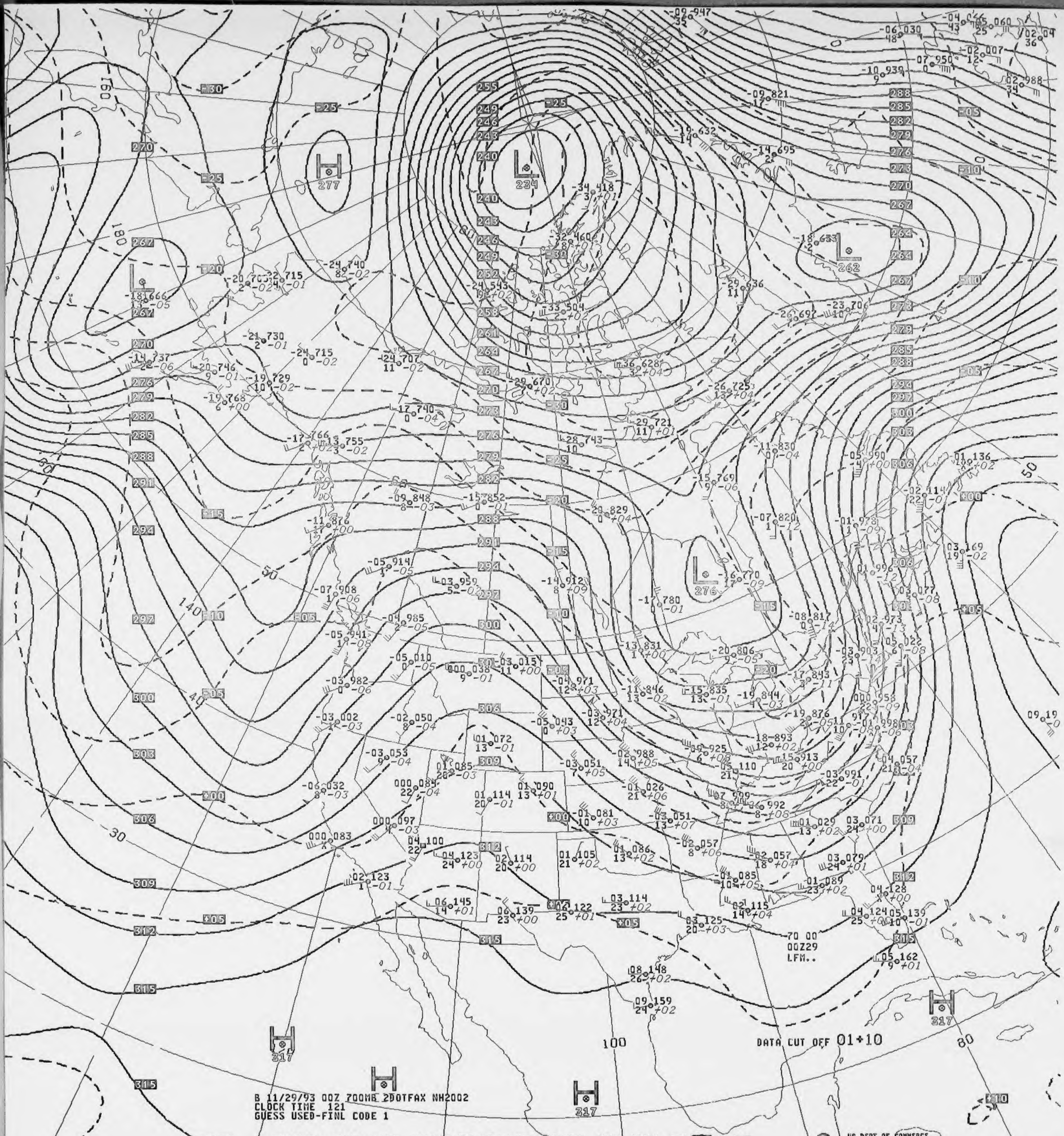
V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 28 NOV 93



L 234
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L 262
L 276
H 317
H 317
H 317
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00Z29
LFM..
DATA CUT OFF 01+10
100
80
50
140
160
180
B 11/29/93 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 121
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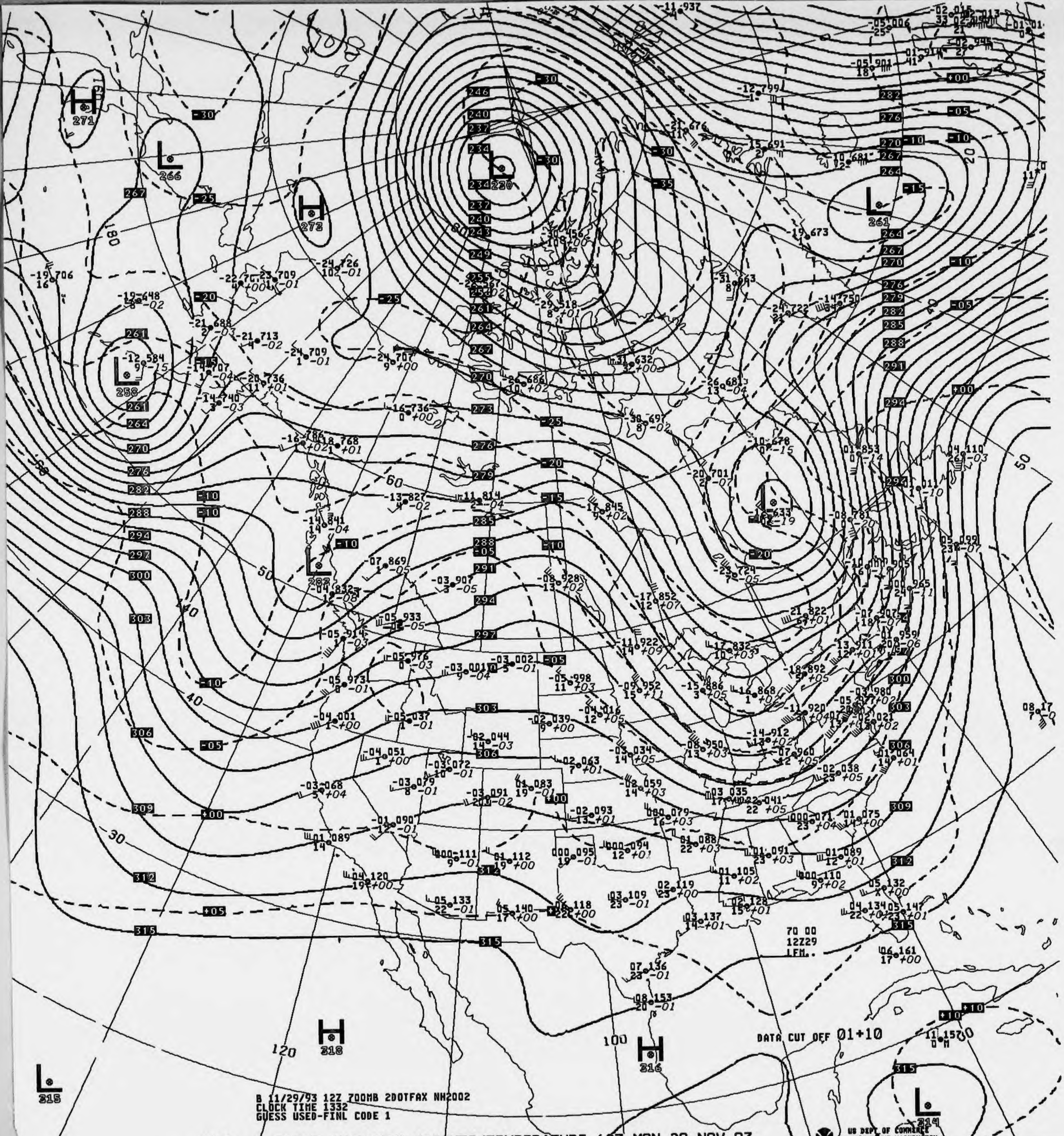
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 29 NOV 93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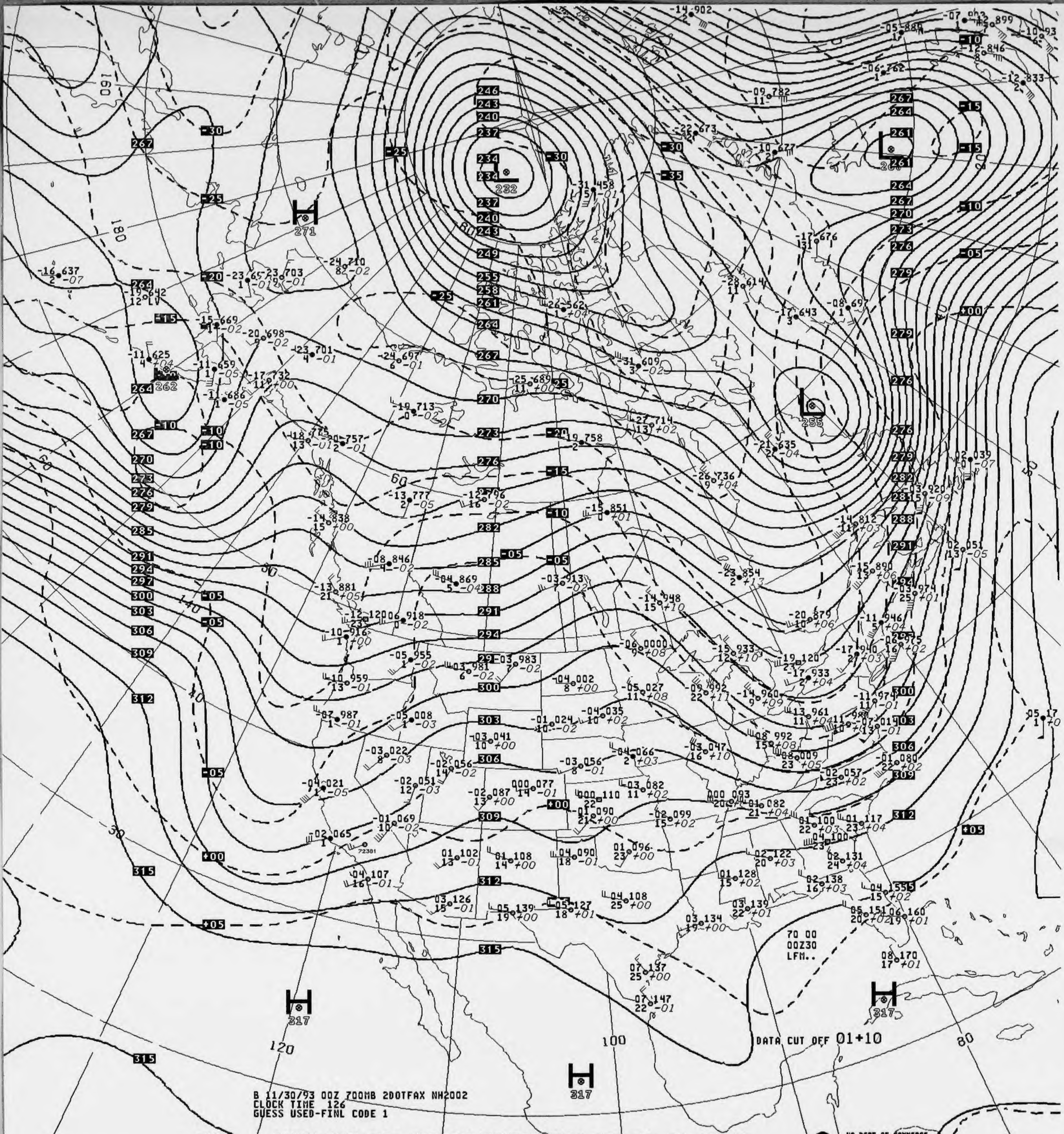
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 29 NOV 93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L 255
L 262
H 317
H 317
H 317
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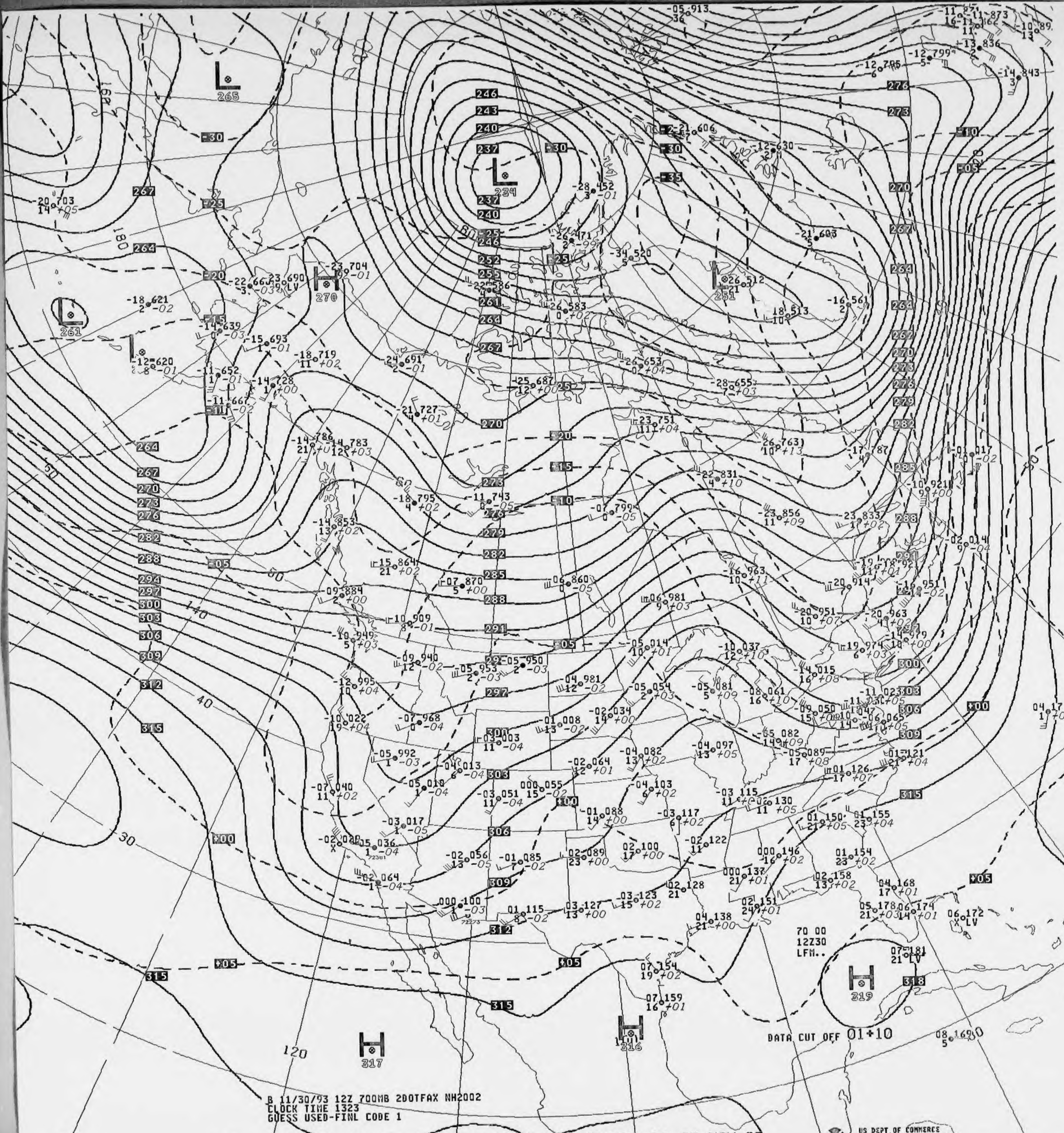
160
140
120
100
80
70 00
00Z30
LFM..

B 11/30/93 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 126
GUESS USED-FINL CODE 1

DATA CUT OFF 01+10

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 30 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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L 261
H 270
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H 316
H 319
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12Z30
LFM..
DATA CUT OFF 01+10
B 11/30/93 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1323
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 30 NOV 93

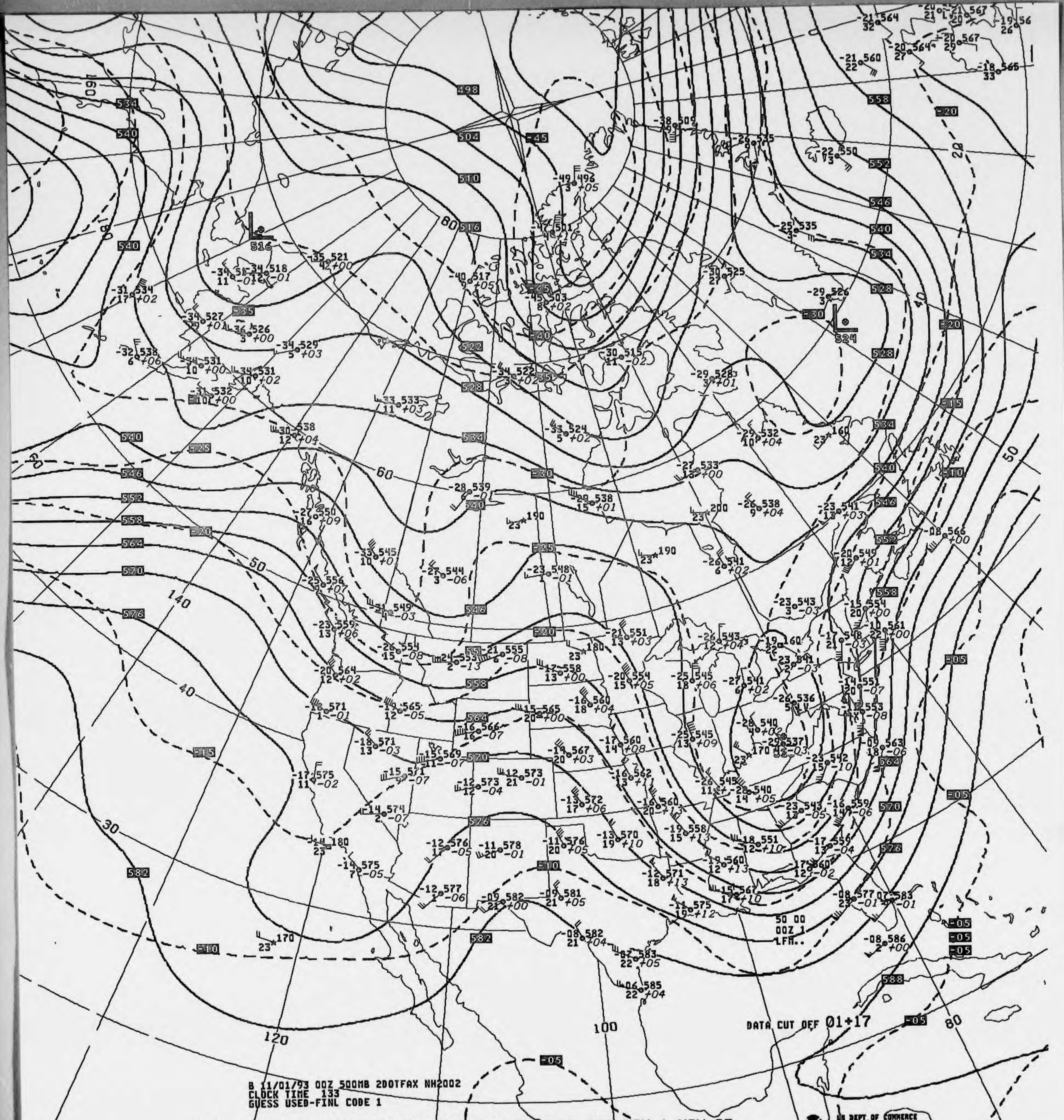
AA Form 48 - 362A
v. 8 - 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

500 MB CONSTANT PRESSURE CHARTS

NORTH AMERICAN NMC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING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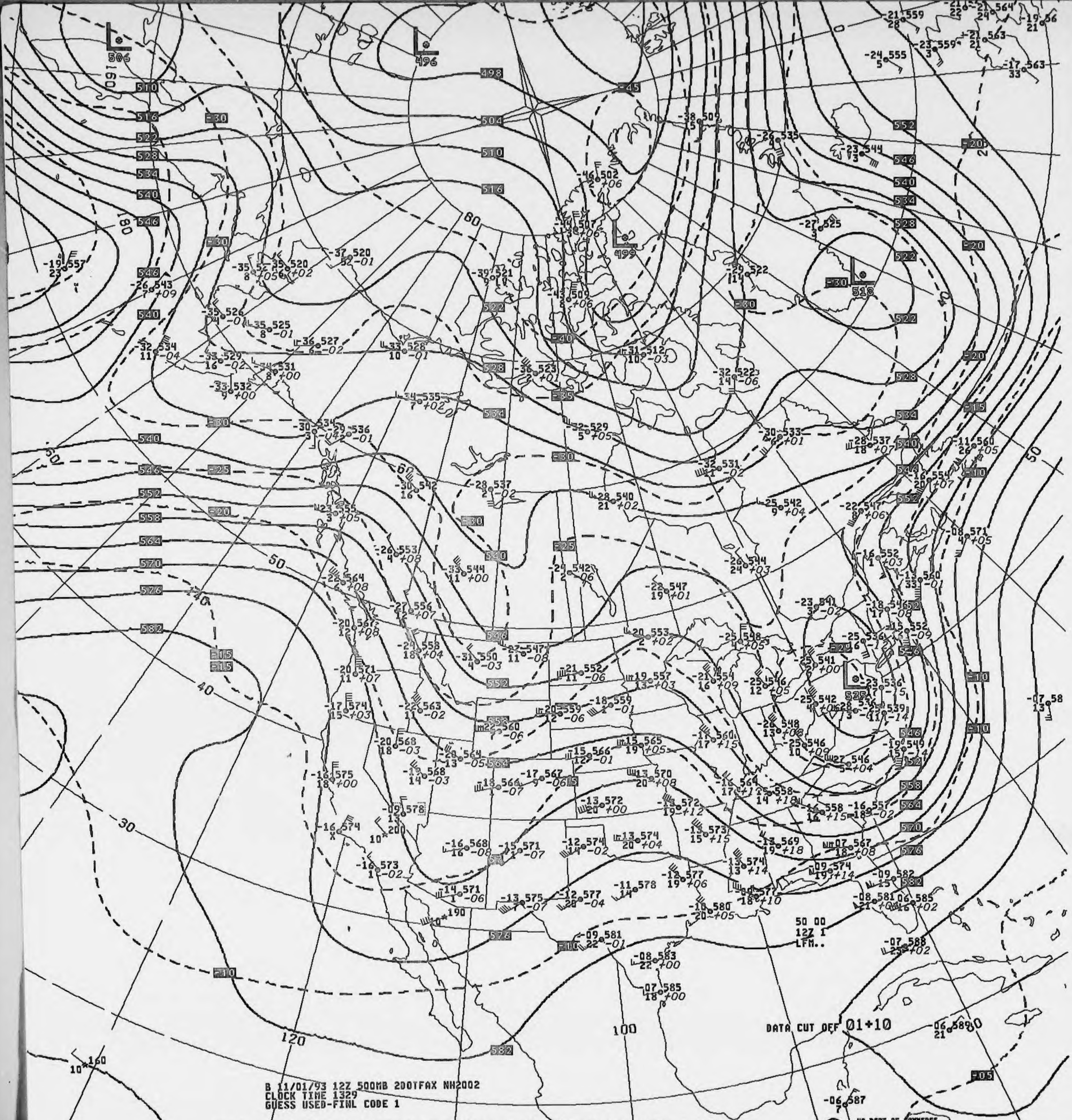
B 11/01/93 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 133
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 1 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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LFM..

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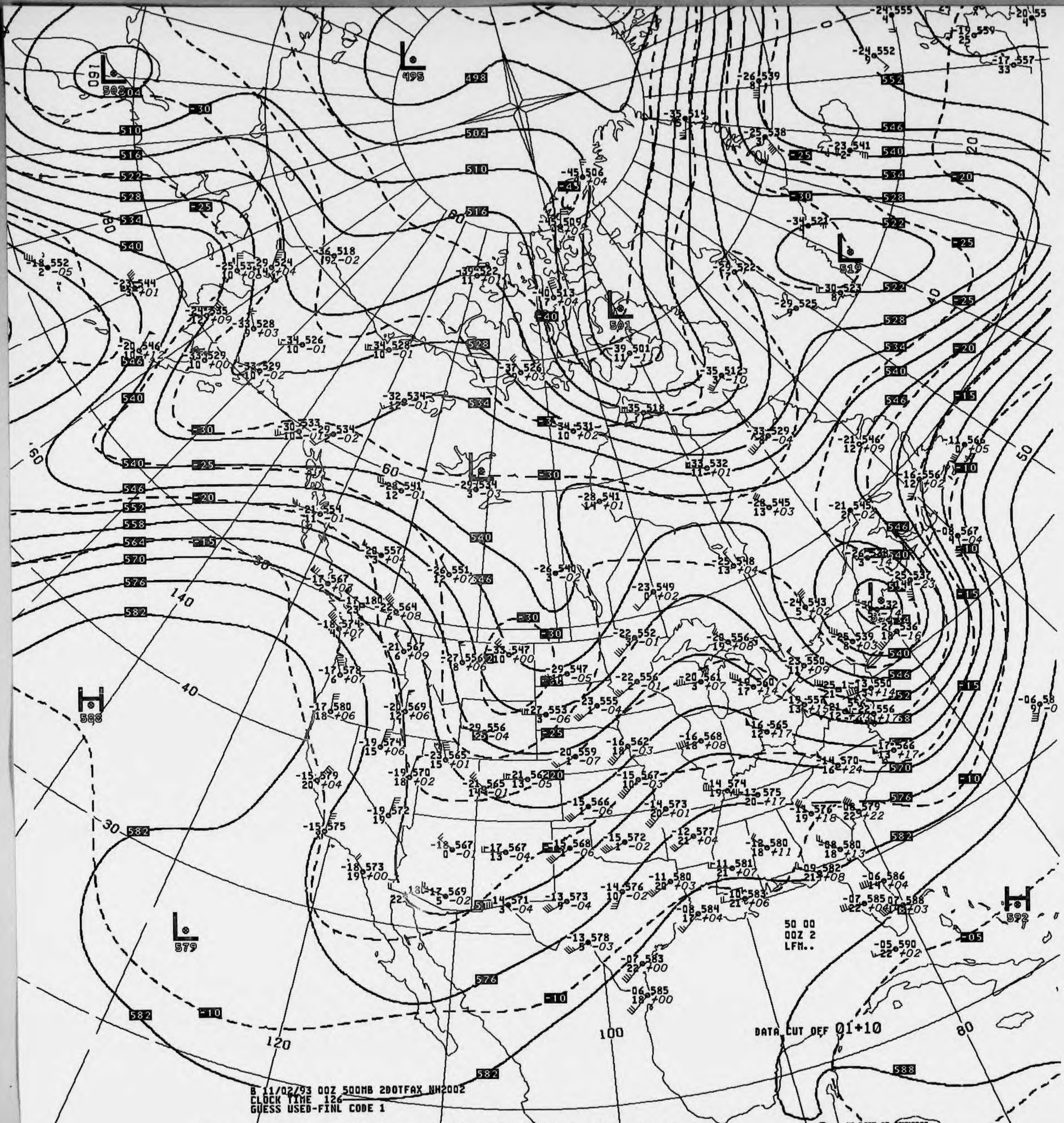
CLOCK TIME 1329
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 1 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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L 495
L 519
L 501
L 579
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H 592
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0
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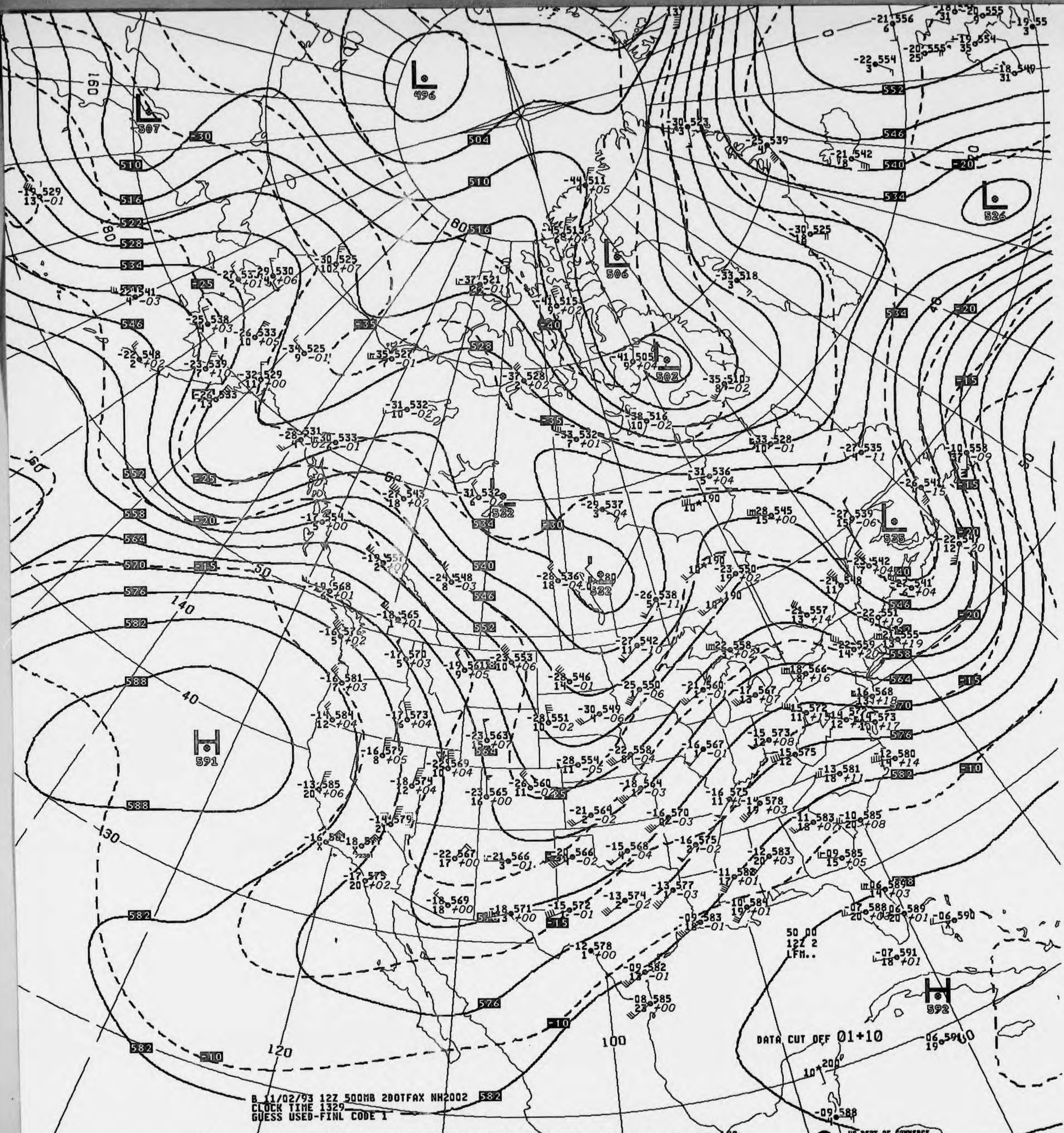
00Z 2
LFM..
DATA CUT OFF 01+10
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 11/02/93 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 126
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 2 NOV 93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-25
-20
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-10
160
140
120
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60
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40
30
DATA CUT OFF 01+10
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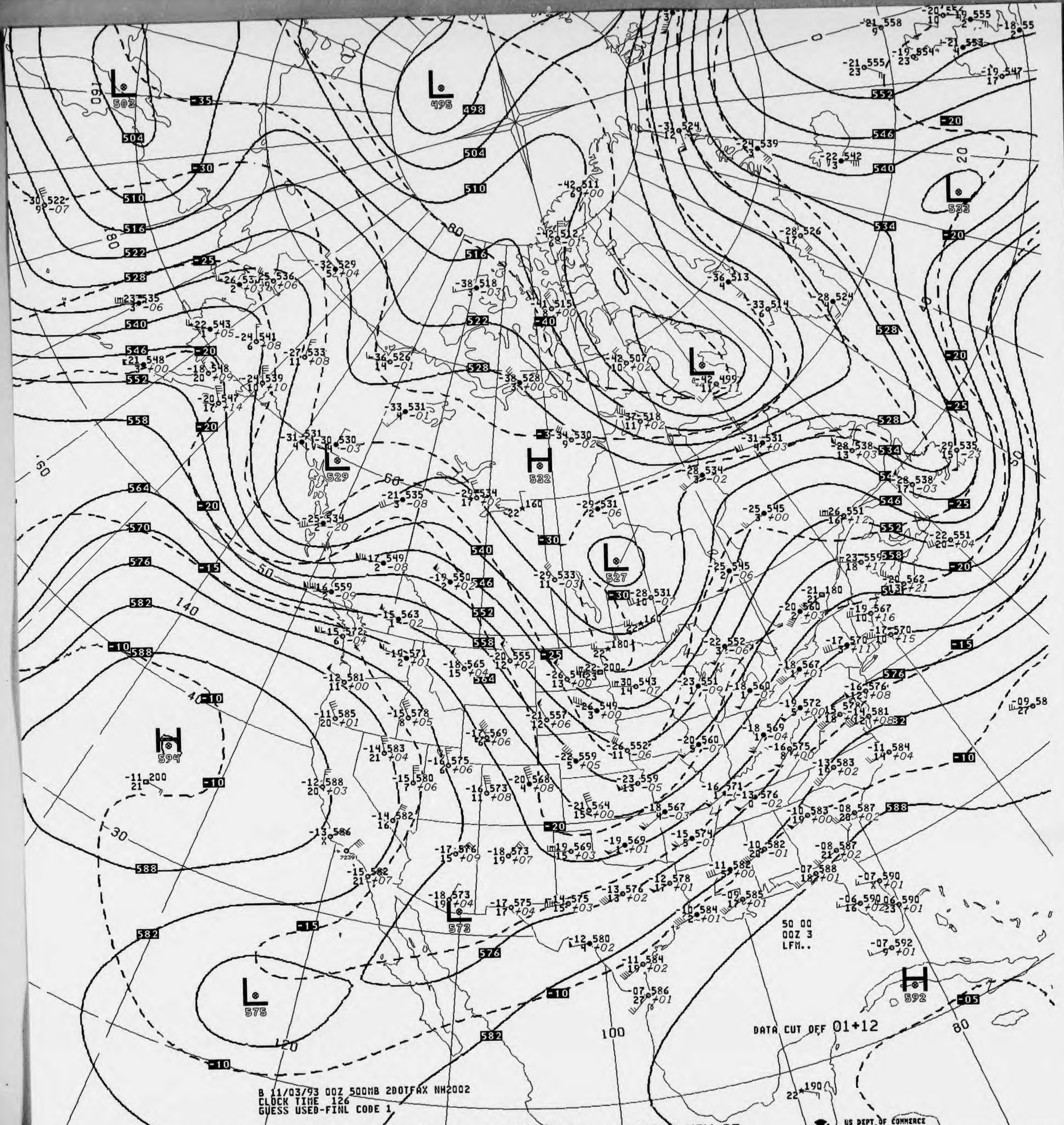
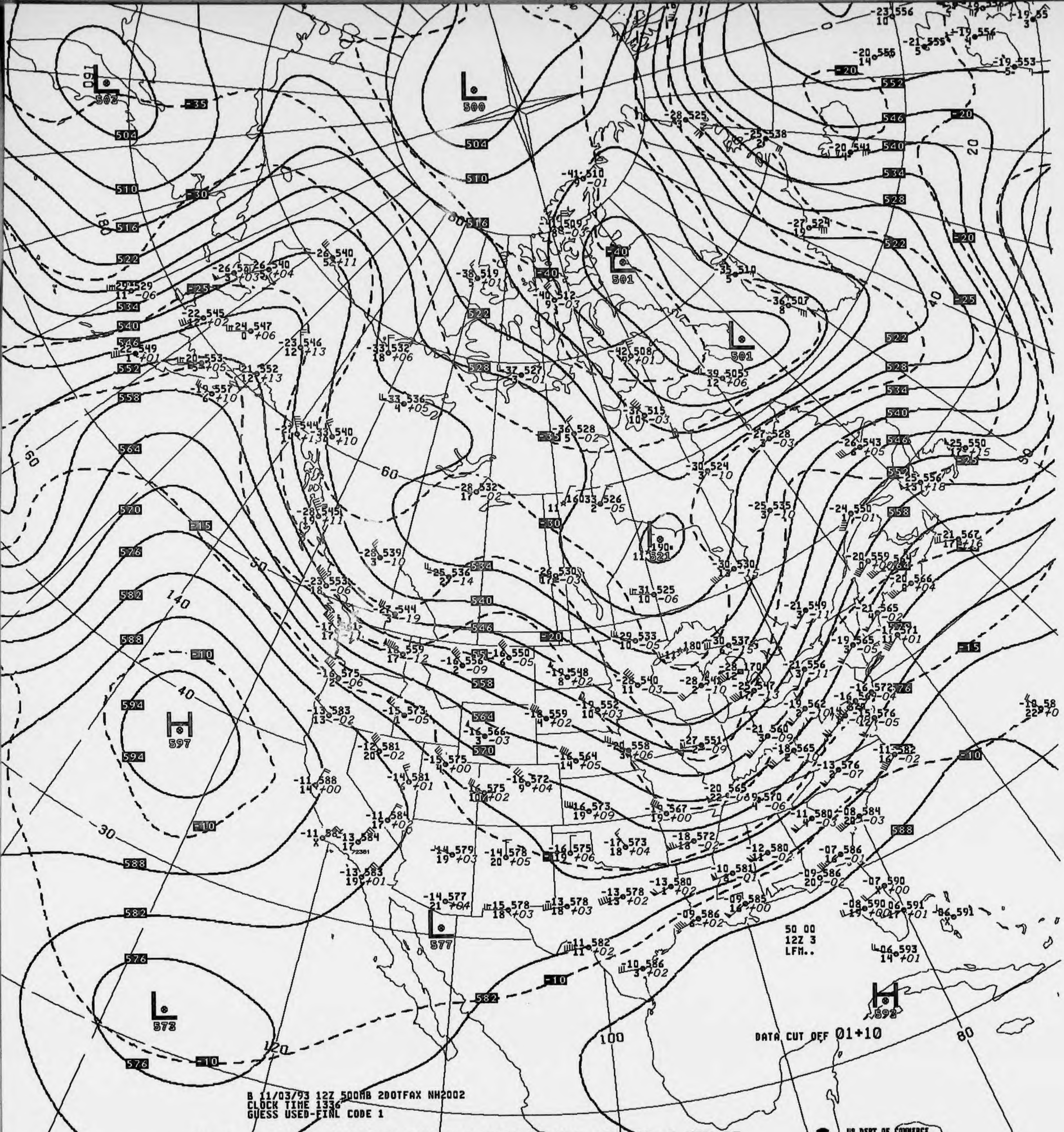
12Z 2
LFM..
B 11/02/93 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1329
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 2 NOV 93


B 11/03/93 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 126
GUESS USED-FINL CODE 1
DATA CUT OFF 01+12
50 00
00Z 3
LFM..
L 503
L 495
L 533
L 529
H 532
L 527
H 594
L 573
L 575
H 592
L 499

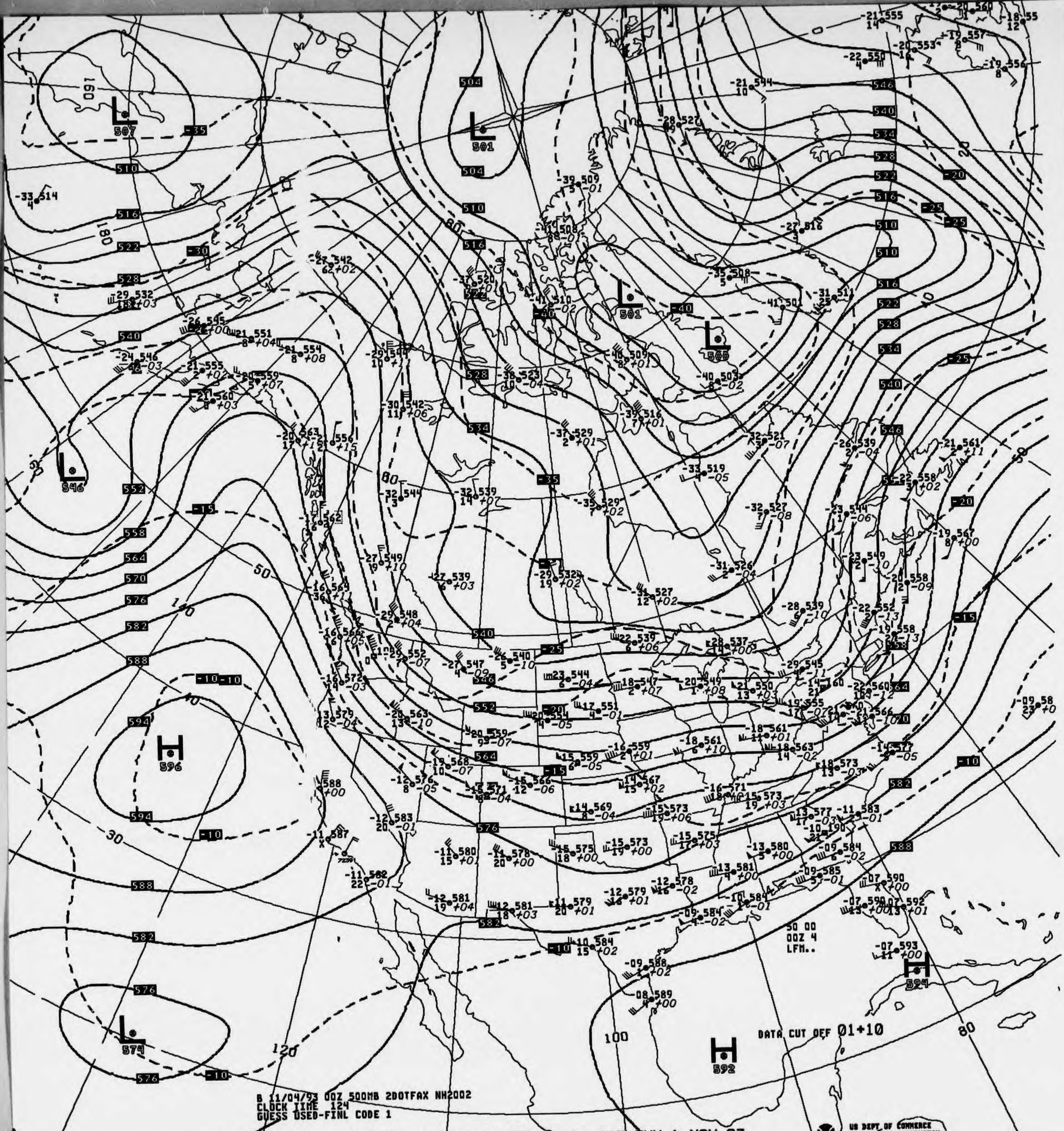
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 3 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/03/93 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1336
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
50 00
12Z 3
LFM..
L 502
L 500
L 501
L 501
L 521
H 597
L 577
L 573
H 592
504
510
516
522
528
534
540
546
552
558
564
570
576
582
588
594
-10
-15
-20
-25
-30
-35
-40

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 3 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

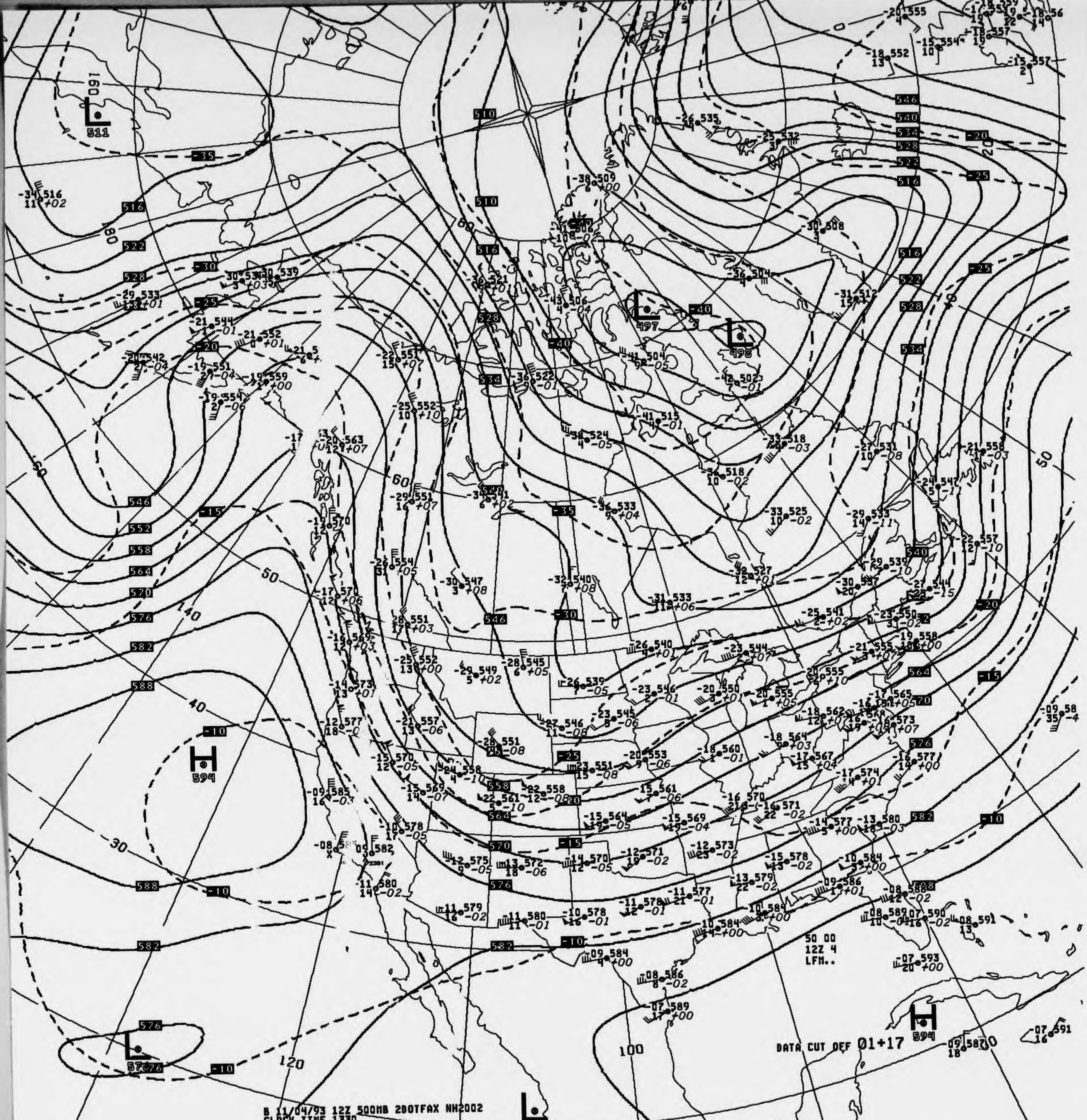


DATA CUT OFF 01+10
50 00
00Z 4
LFM..
L 507
L 501
L 501
L 500
L 546
L 579
H 596
H 592
H 594

B 11/04/93 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 124
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 4 NOV 93

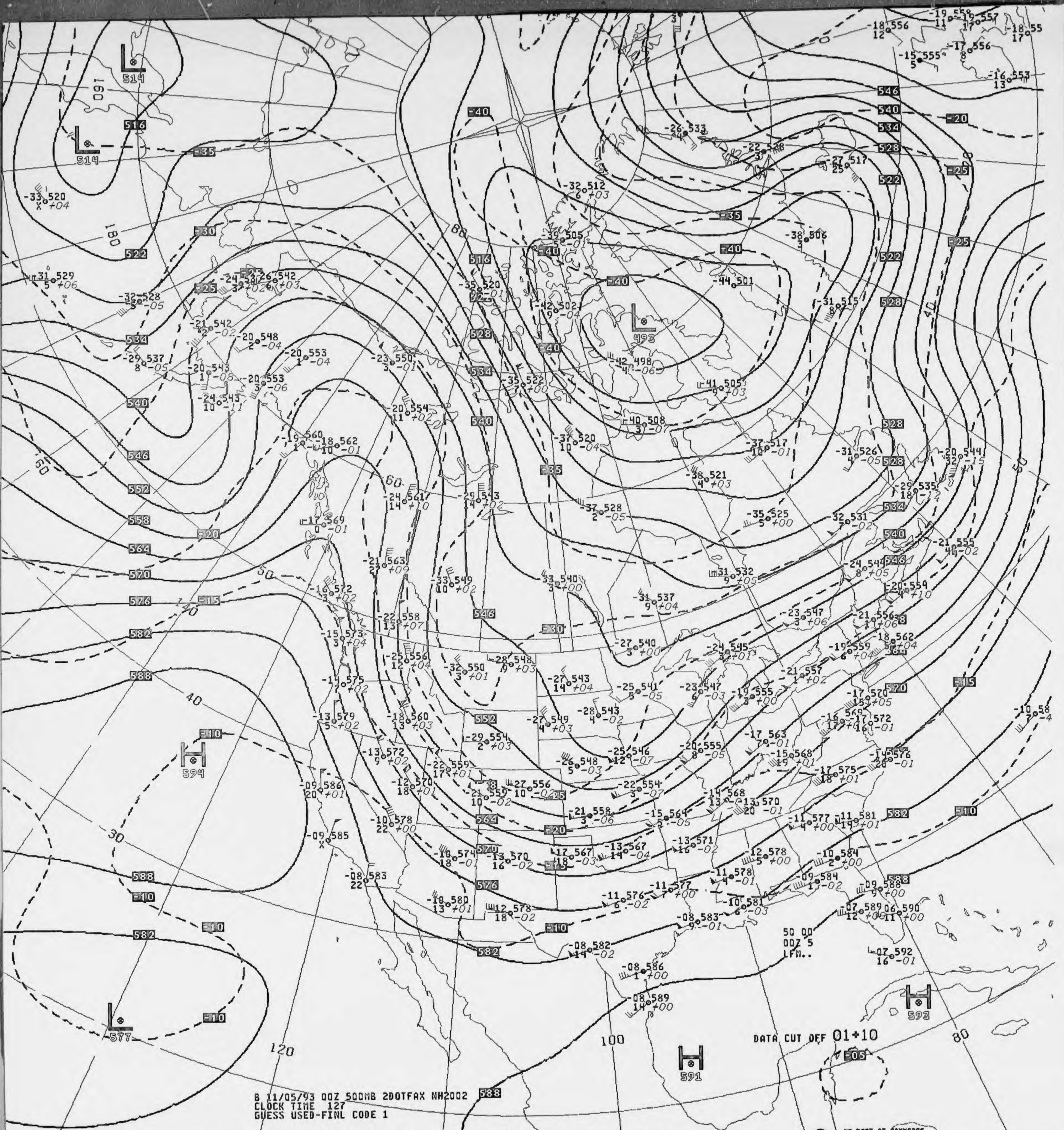
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+17
50 00
12Z 4
LFM..
594
586
511
497
498
160
180
140
120
100
60
50
40
30

B 11/04/93 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1330
GUESS USED-FINL CODE 1

.V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 4 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

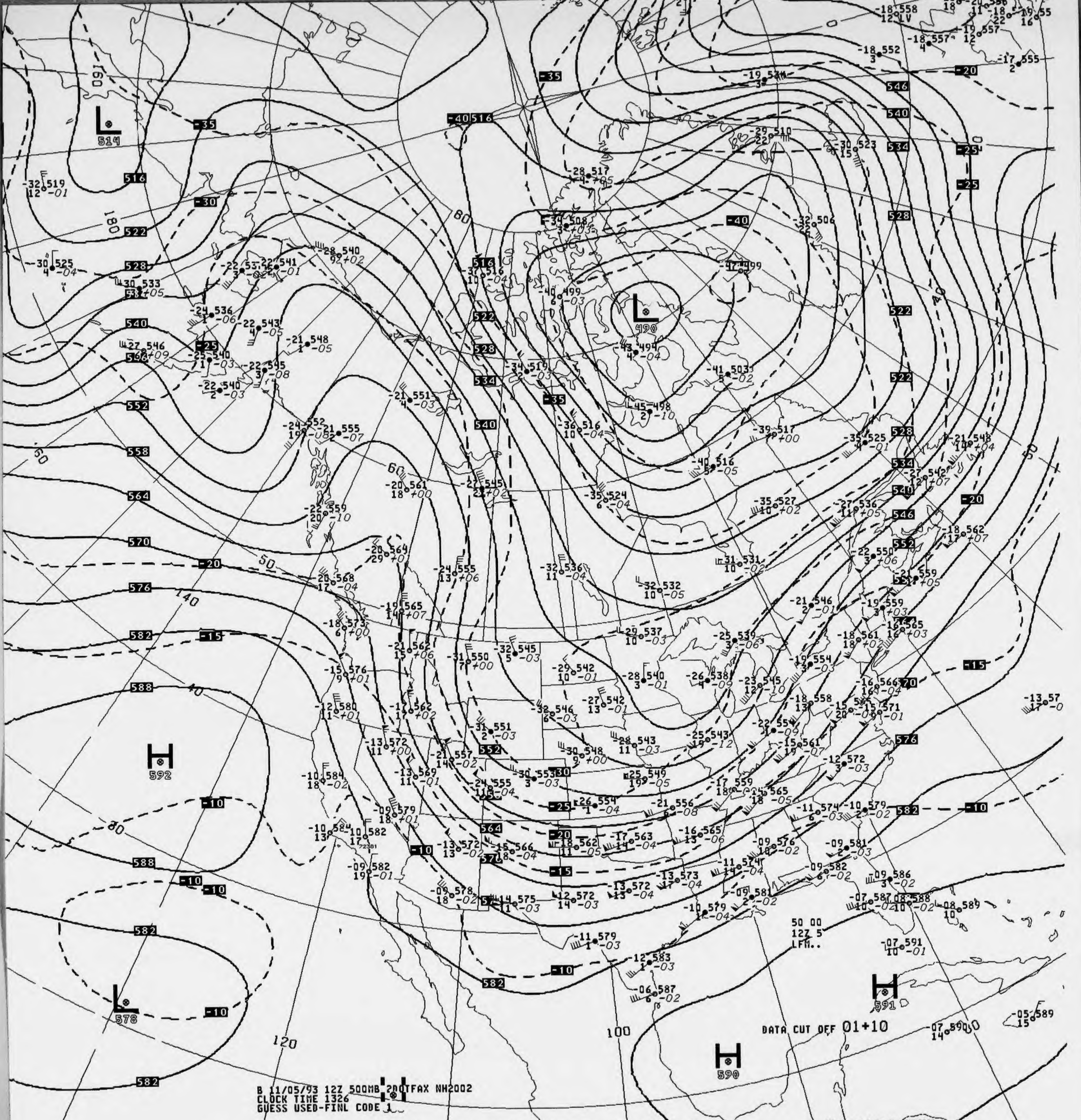


DATA CUT OFF 01+10
50 00
00Z 5
LFM..
514
493
594
577
591
593
120
100
80

B 11/05/93 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 5 NOV 93

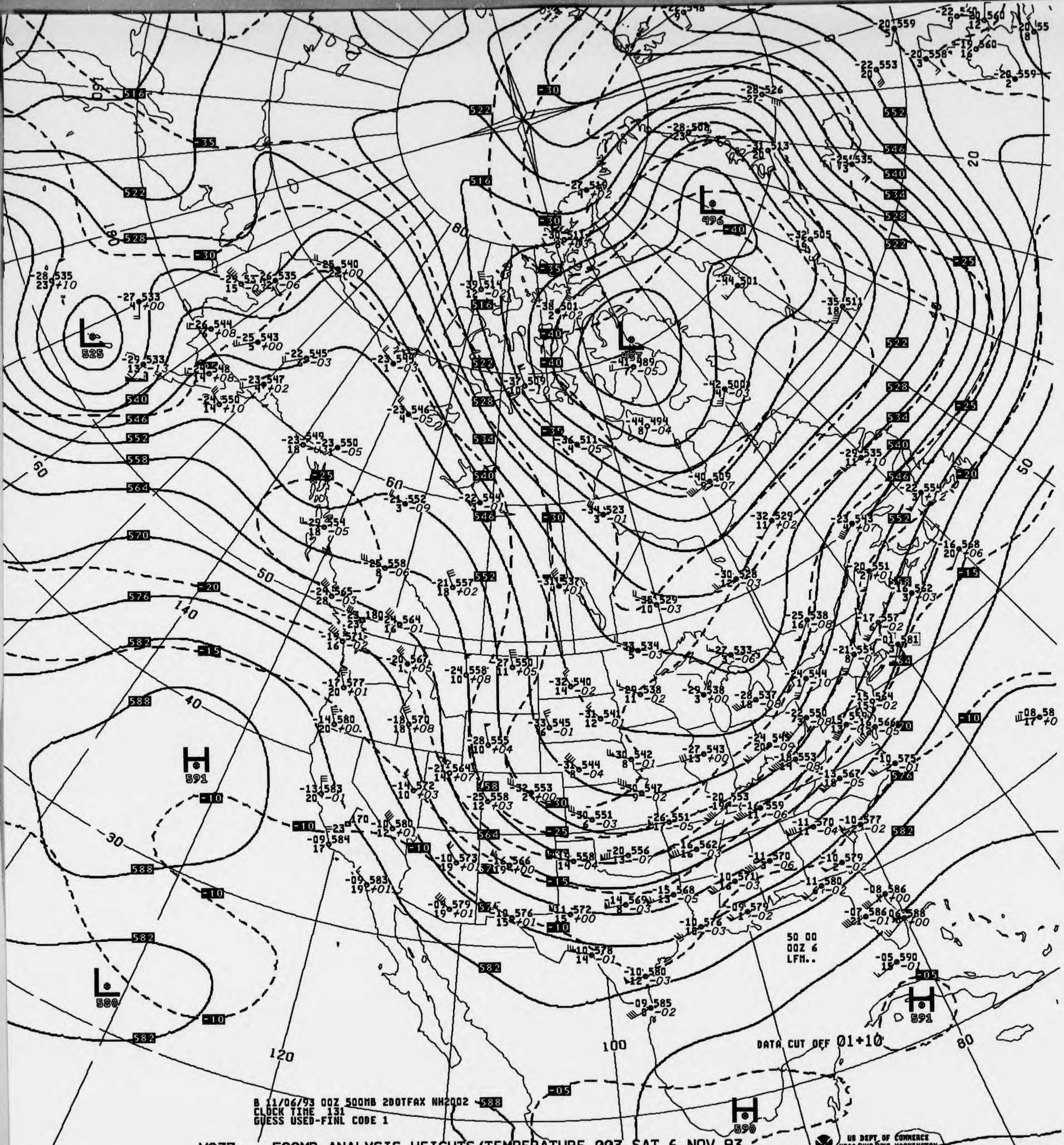
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 514
L 490
H 592
L 578
H 591
H 590
50 00
12Z 5
LFM..
DATA CUT OFF 01+10

B 11/05/93 12Z 500MB 2NOTFAX NH2002
CLOCK TIME 1326
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 5 NOV 93

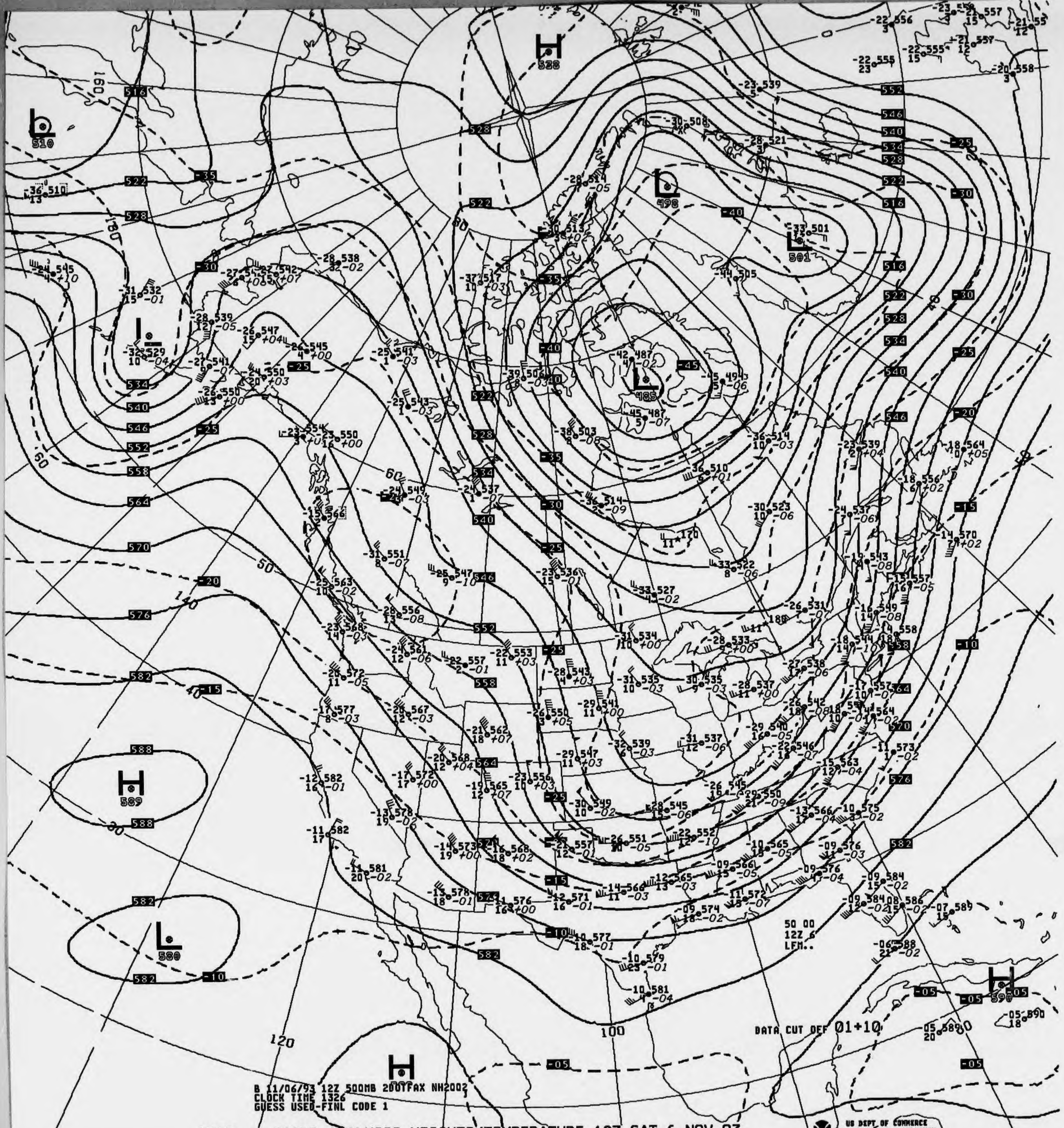
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 525
L 496
L 487
H 591
L 580
H 591
H 590
50 00
00Z 6
LFM..
DATA CUT OFF 01+10

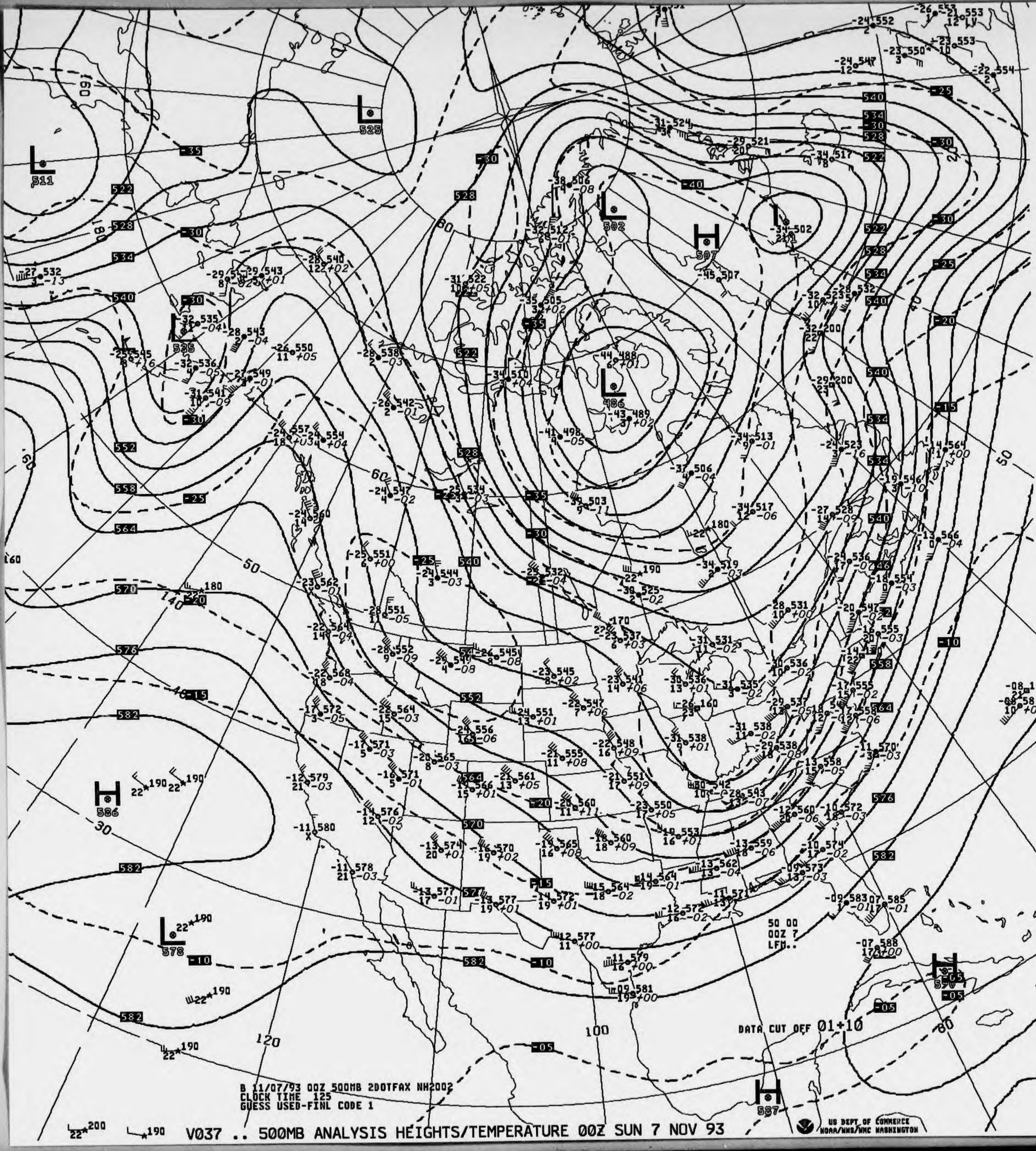
B 11/06/93 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 131
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 6 NOV 93

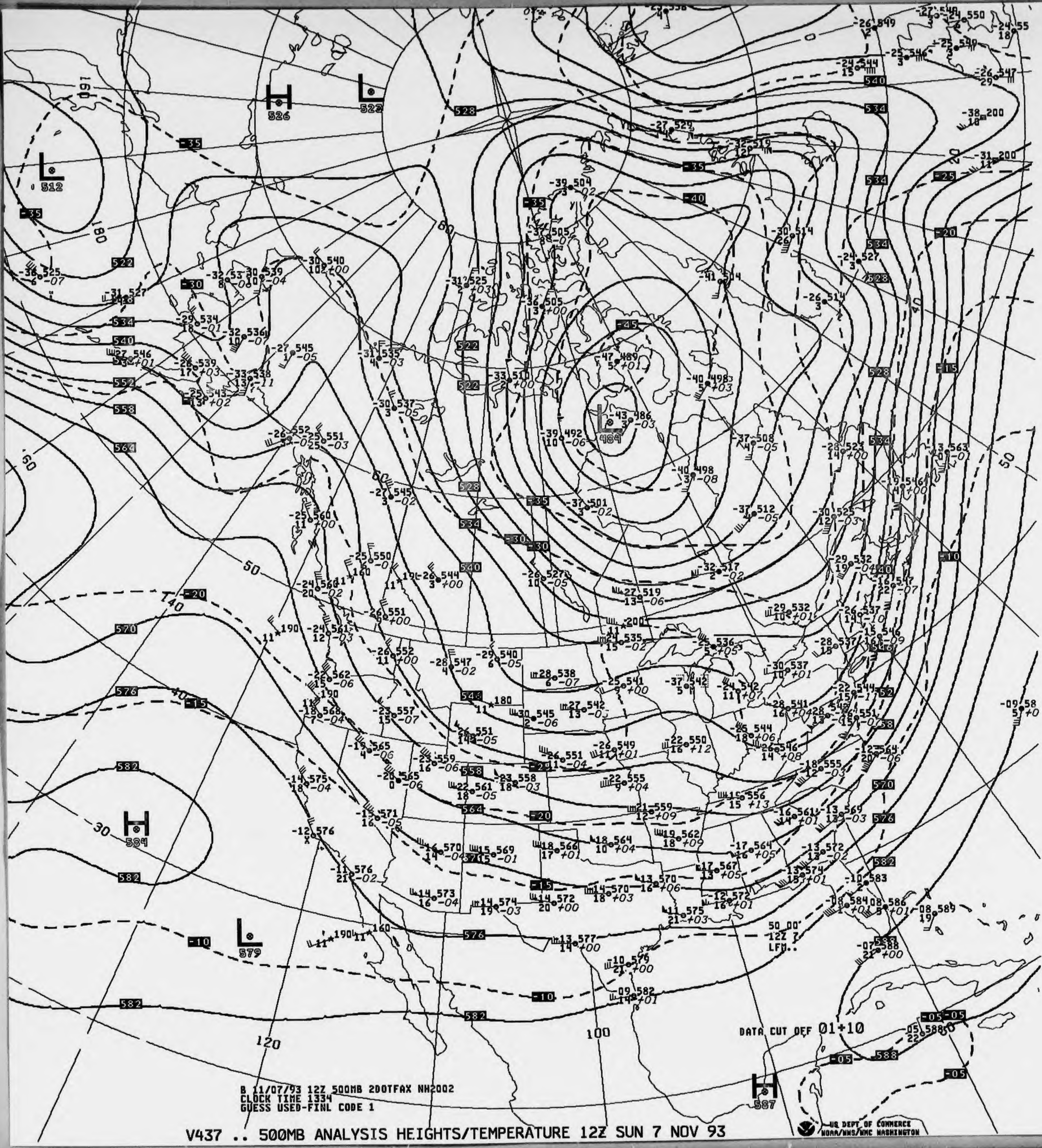
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/06/93 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1326
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
50 00
12Z 6
LFM..
H
L
485
498
501
510
529
538
580
589
590
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 6 NOV 93


B 11/07/93 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 125
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
50 00
00Z 7
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 7 NOV 93

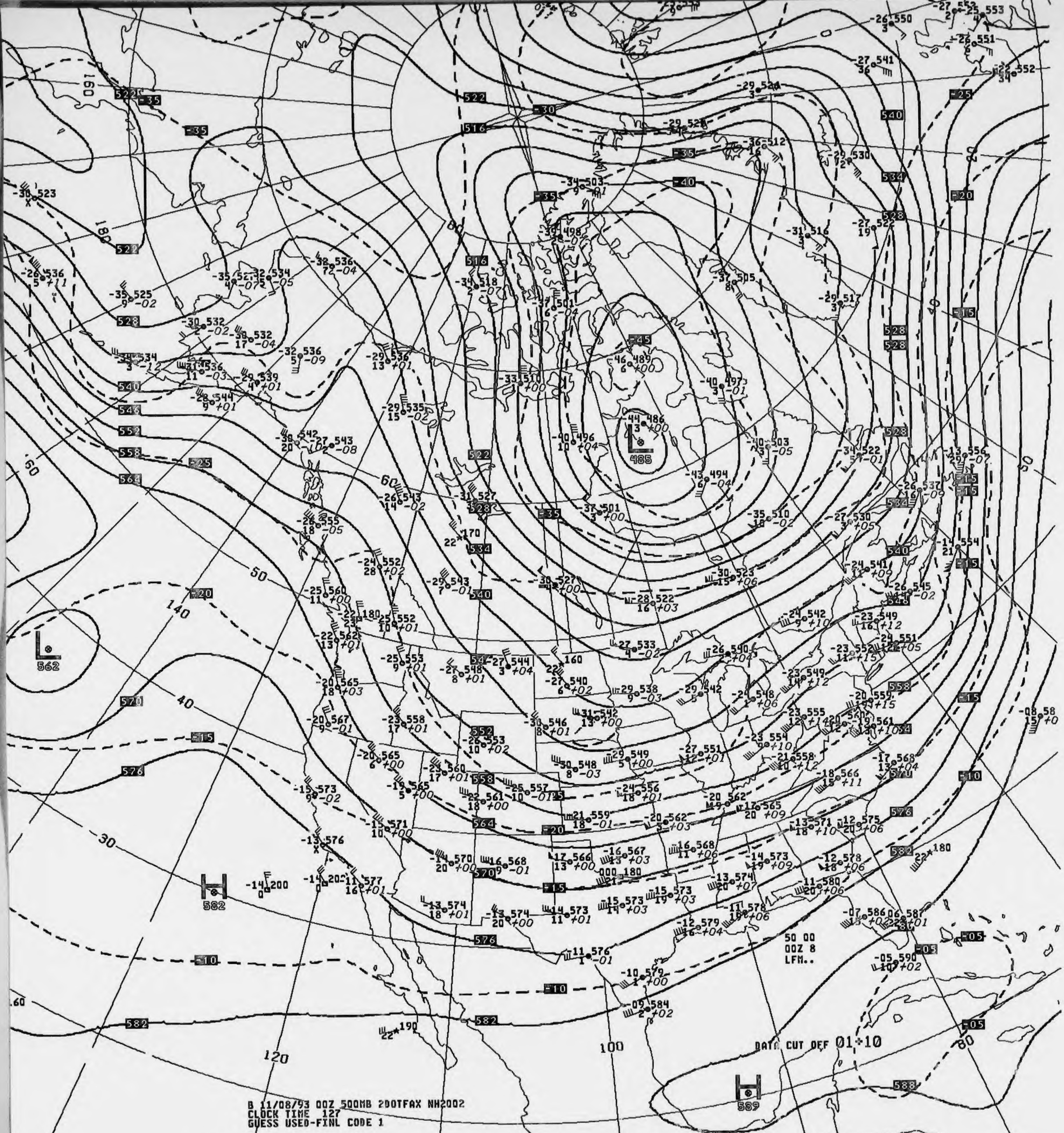


DATA CUT OFF 01+10

B 11/07/93 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1334
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 7 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
485
L
562
H
582
H
589
516
522
528
534
540
546
552
558
564
570
576
582
588
-45
-40
-35
-30
-25
-20
-15
-10
-05
160
180
140
120
100
80
60
50
40
30
20

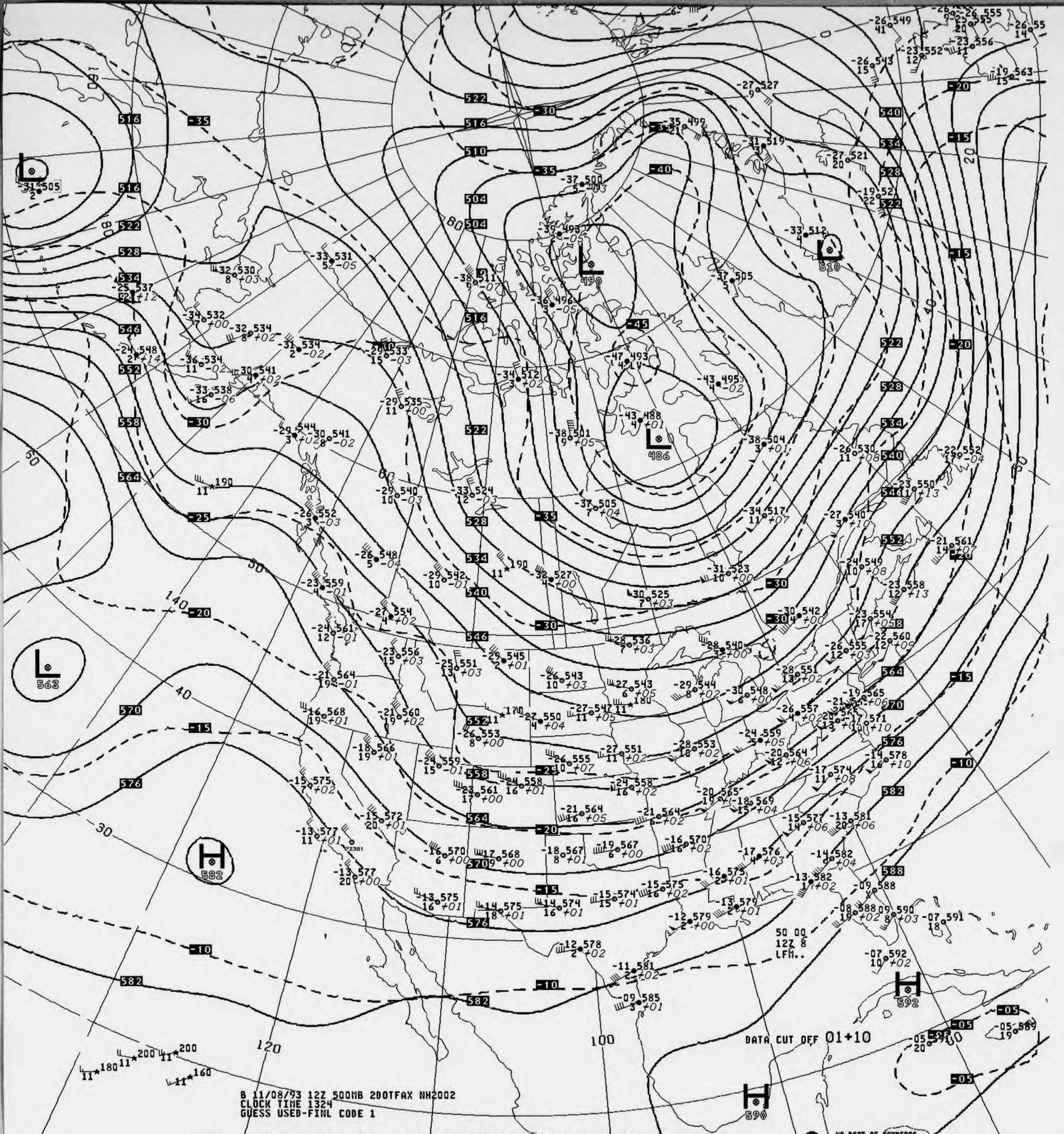
50 00
00Z 8
LFM..

DATA CUT OFF 01+10

B 11/08/93 00Z 500MB 200TFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 8 NOV 93

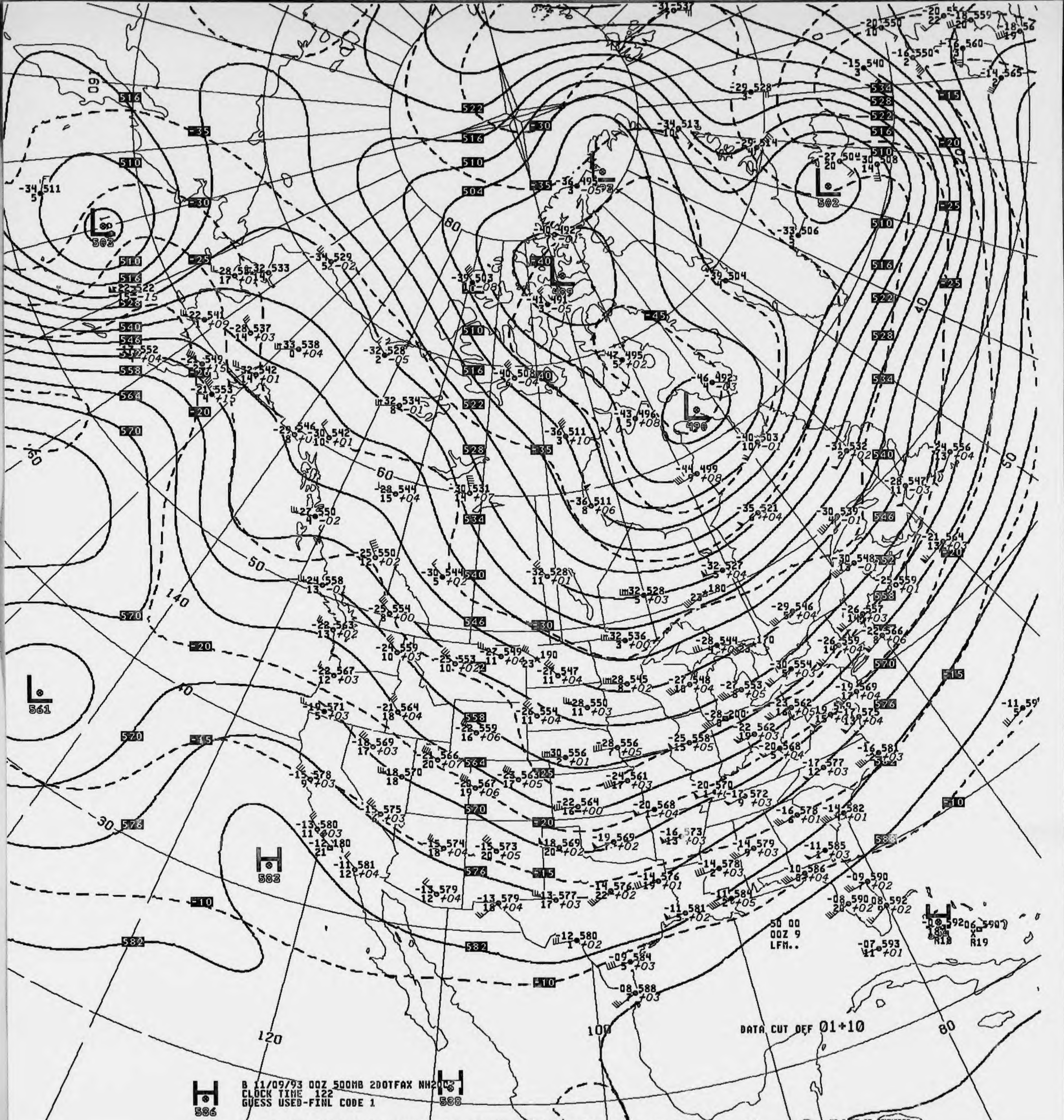

L
505
L
563
H
582
L
490
L
486
L
510
H
592
H
590
516
522
528
534
540
546
552
558
564
570
576
582
588
510
504
-35
-30
-25
-20
-15
-10
-40
-45
-05
50 00
12Z 8
LFM..
100
120
140
160

B 11/08/93 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1324
GUESS USED-FINL CODE 1

DATA CUT OFF 01+10

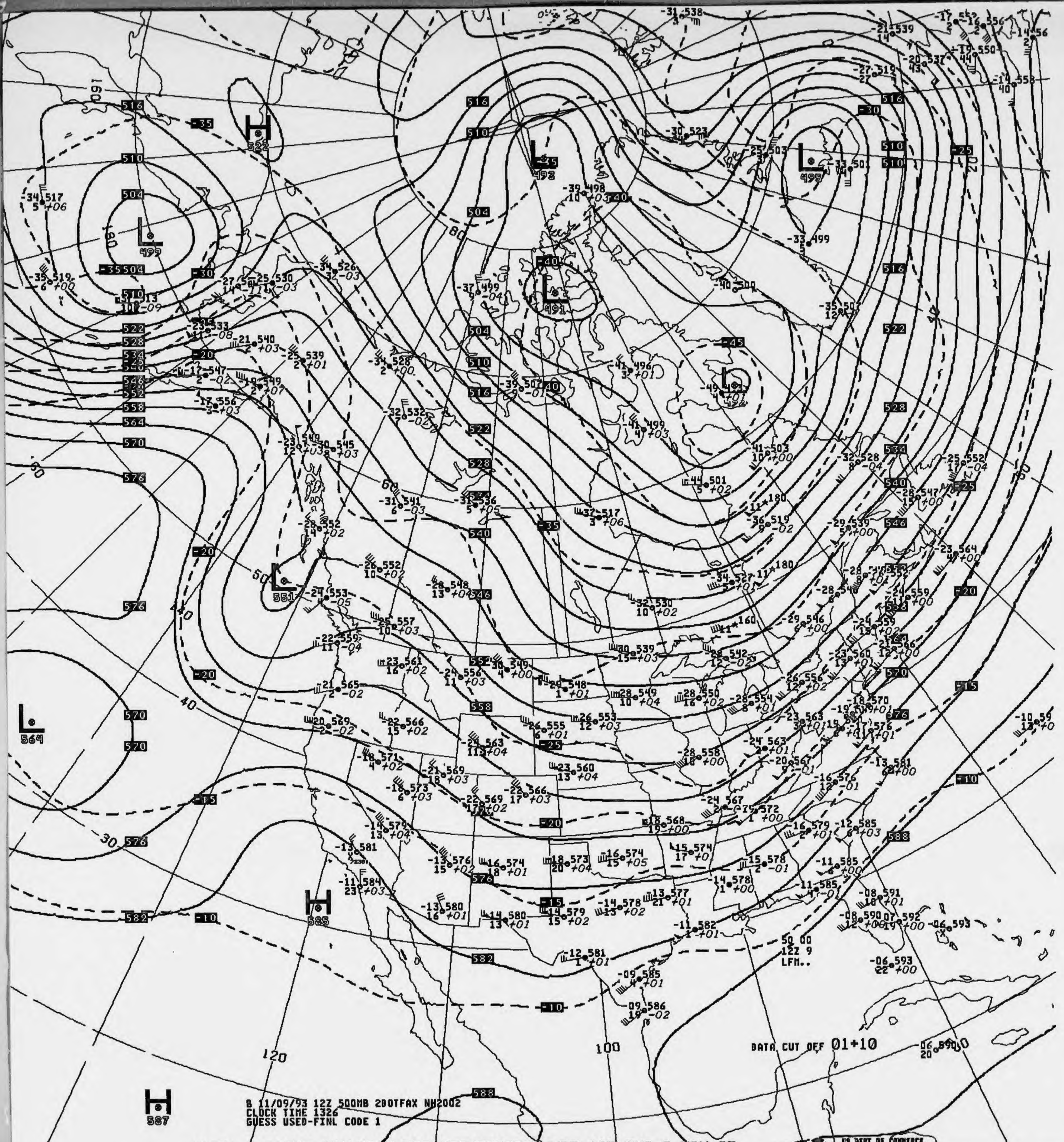
V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 8 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/09/93 00Z 500MB 2DOTFAX NH2
CLOCK TIME 122
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
50 00
00Z 9
LFM..
L 502
L 502
L 499
L 490
L 561
H 583
H 586
H 588
120
100
80
60
50
40
30
140

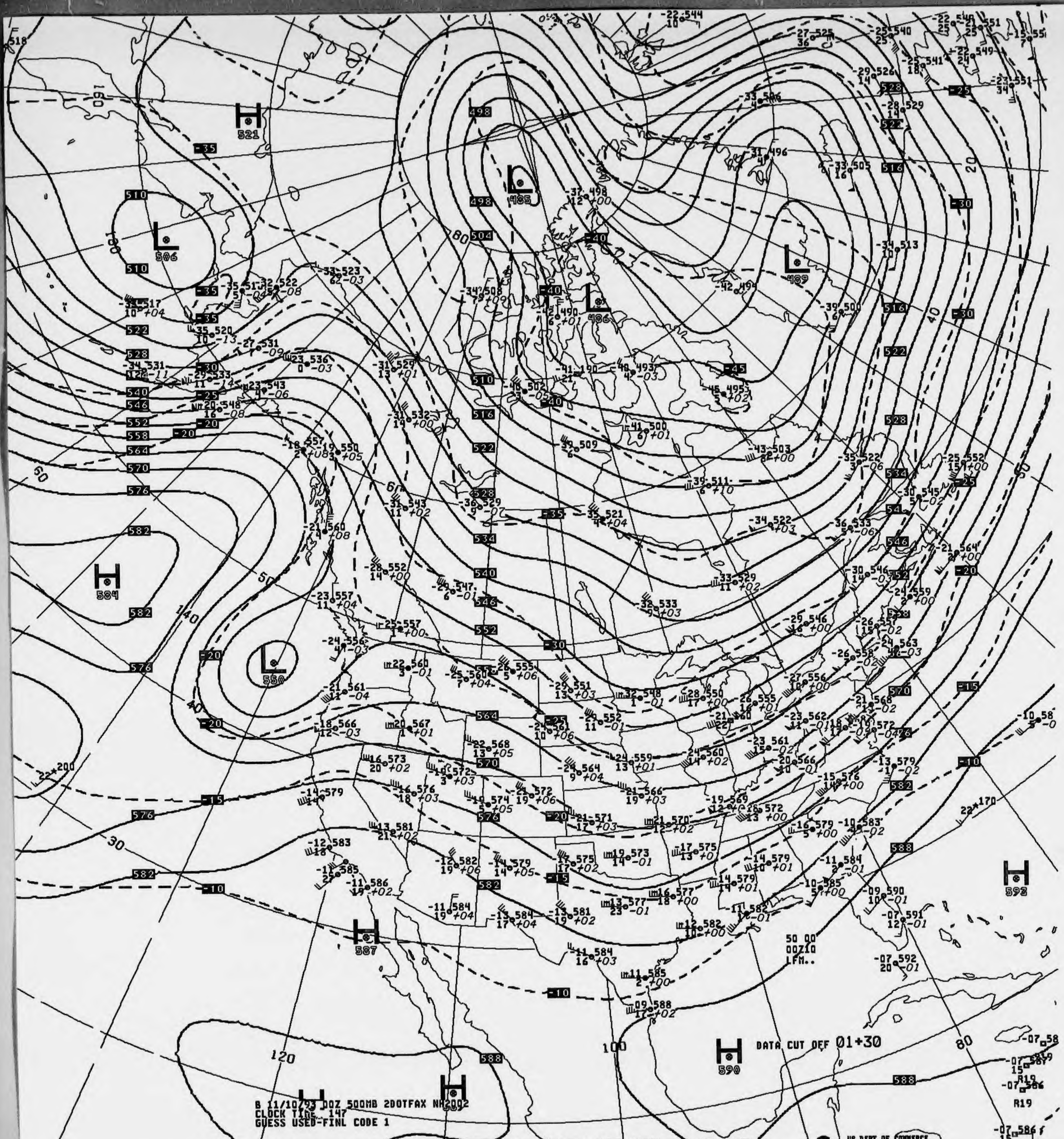
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 9 NOV 93 180

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

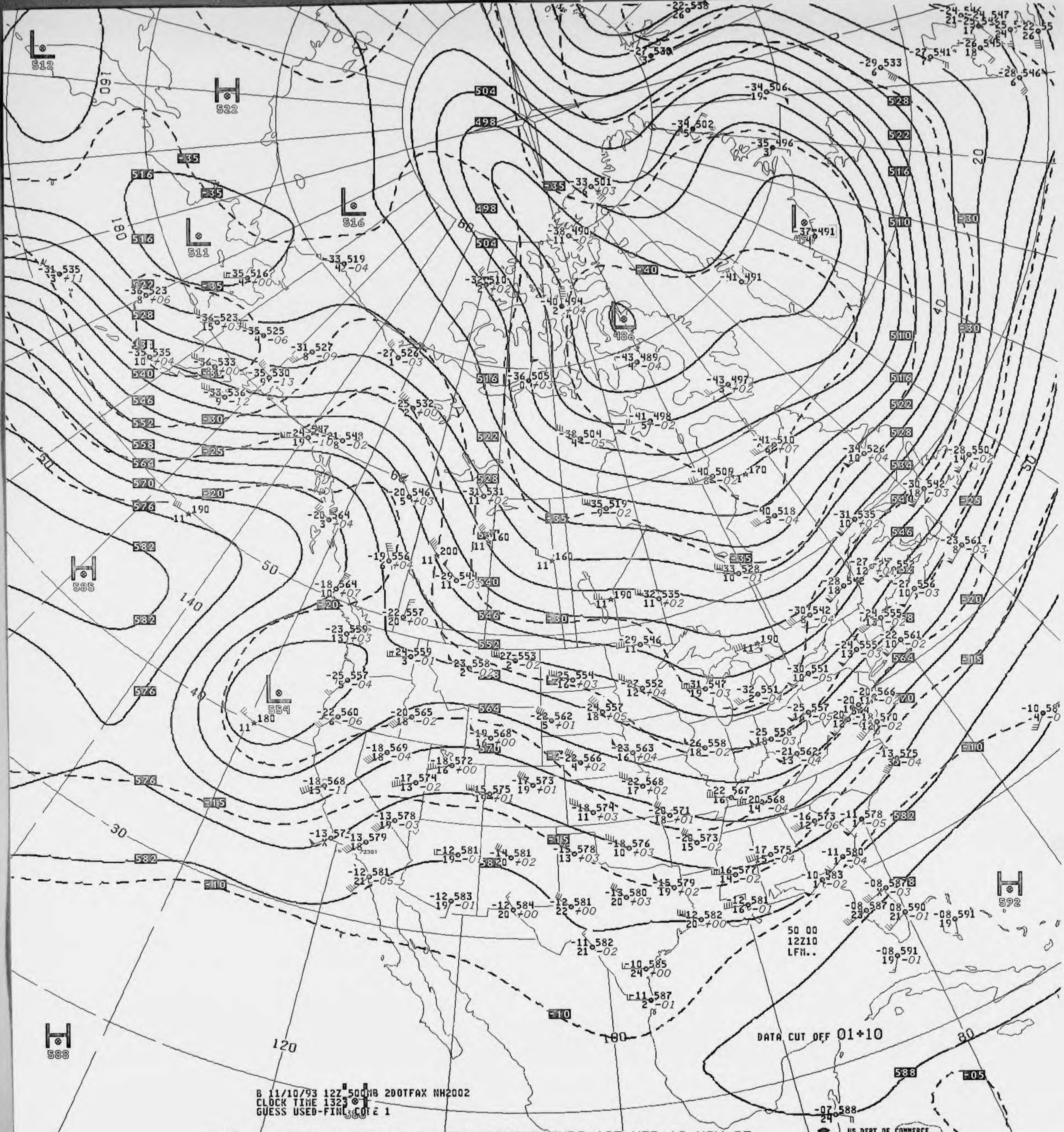


DATA CUT OFF 01+10
50 00
12Z 9
LFM..
B 11/09/93 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1326
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 9 NOV 93


H 521
L 506
L 485
L 486
L 489
H 584
L 550
H 587
H 590
H 592
DATA CUT OFF 01+30
50 00
00Z10
LFM..
B 11/10/93 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 147
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

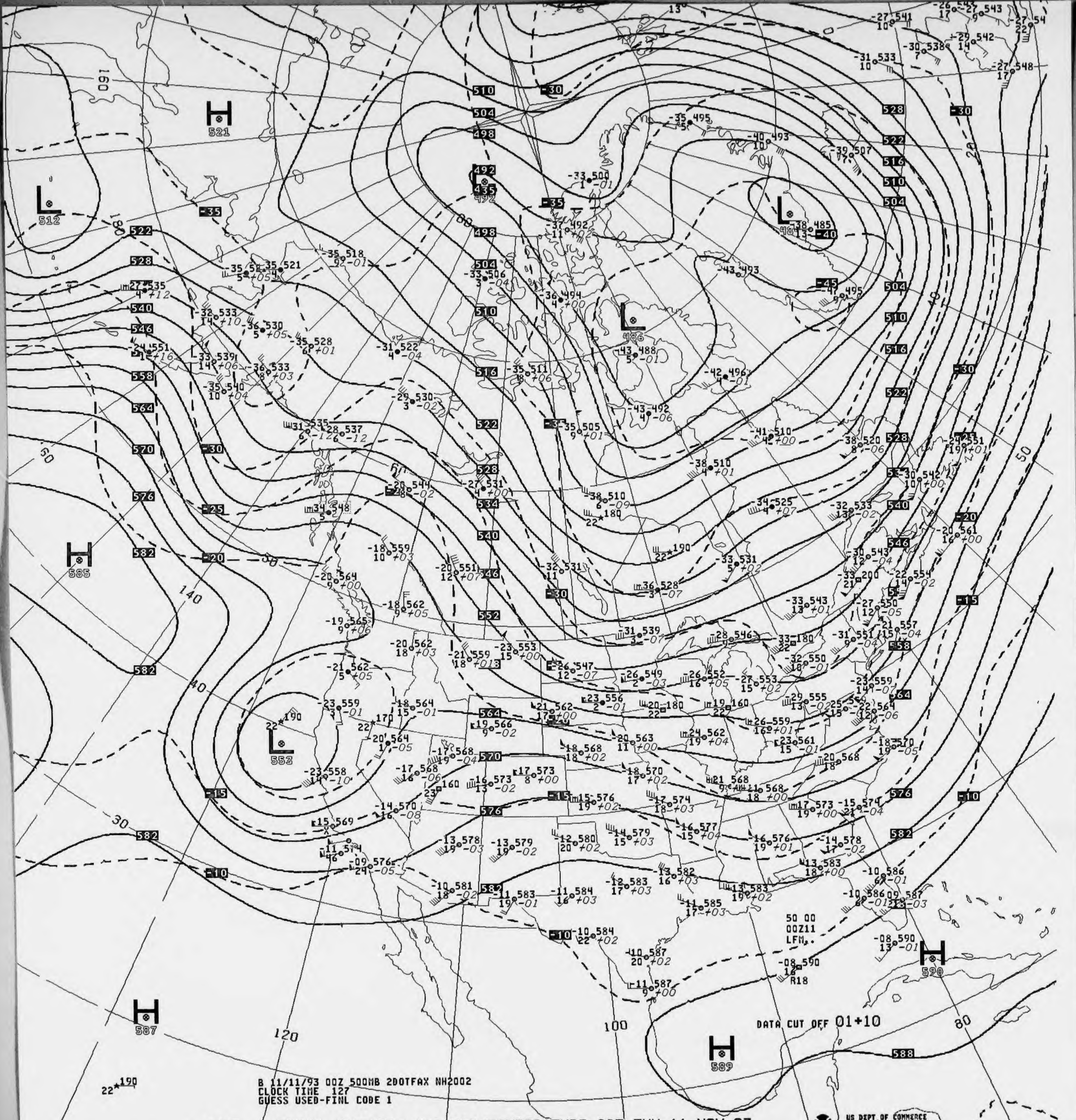
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 10 NOV 93


L 512
H 522
L 516
L 511
L 486
L 491
H 585
L 554
H 592
H 588
504
498
510
516
522
528
534
540
546
552
558
564
570
576
582
588
-35
-40
-30
-25
-20
-15
-10
-05
50 00
12Z10
LFM..
DATA CUT OFF 01+10
160
180
140
120
100
80
60
50
40
30
20

B 11/10/93 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1323
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 10 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

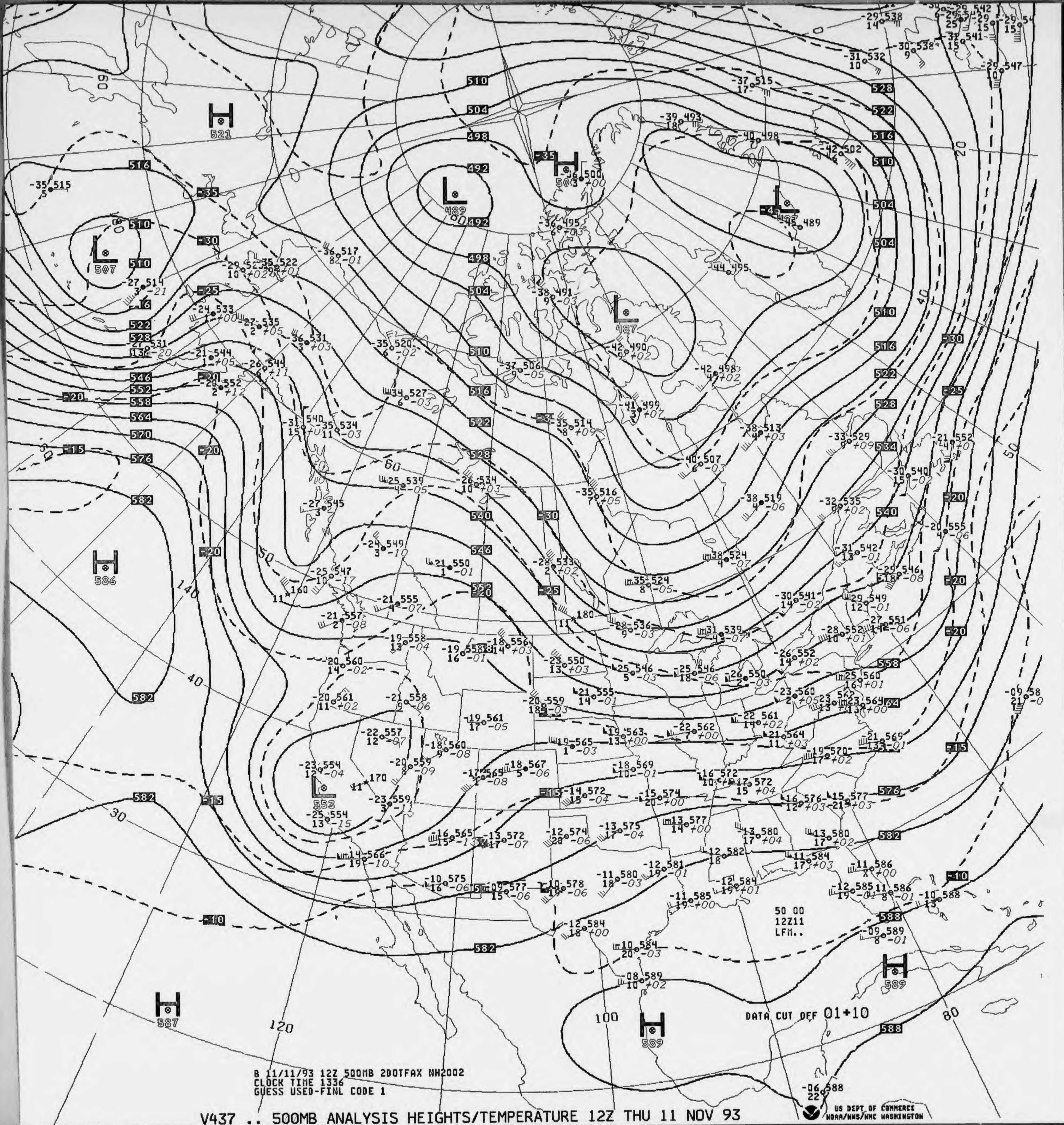


H 521
L 512
L 435
L 486
L 553
H 585
H 587
H 589
H 590
50 00
00Z11
LFM..
R18
DATA CUT OFF 01+10

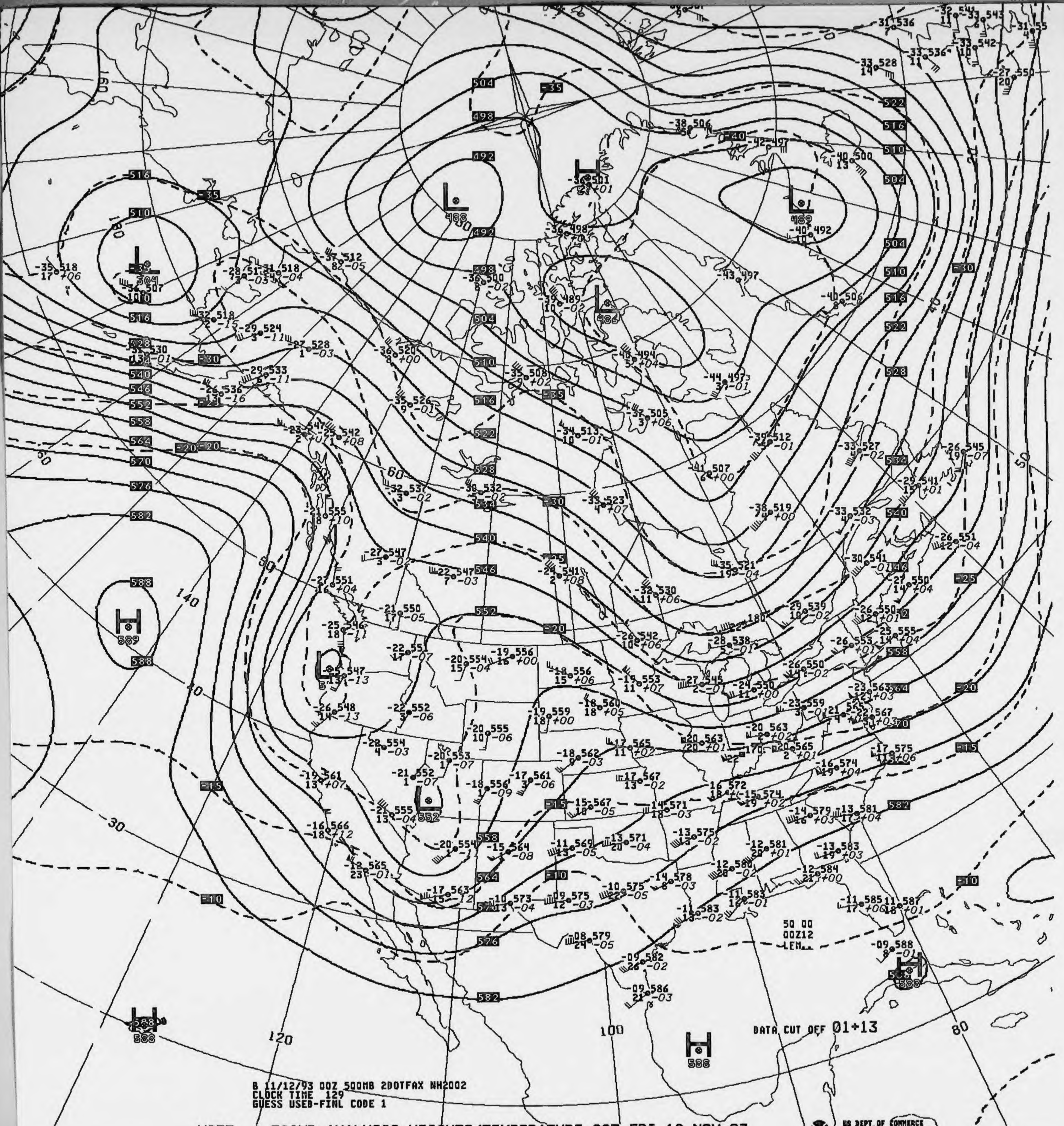
B 11/11/93 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 11 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/11/93 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1336
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
50 00
12Z11
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
H 521
L 507
H 586
L 489
H 503
L 487
L 552
H 587
H 589
H 589
120
100
80

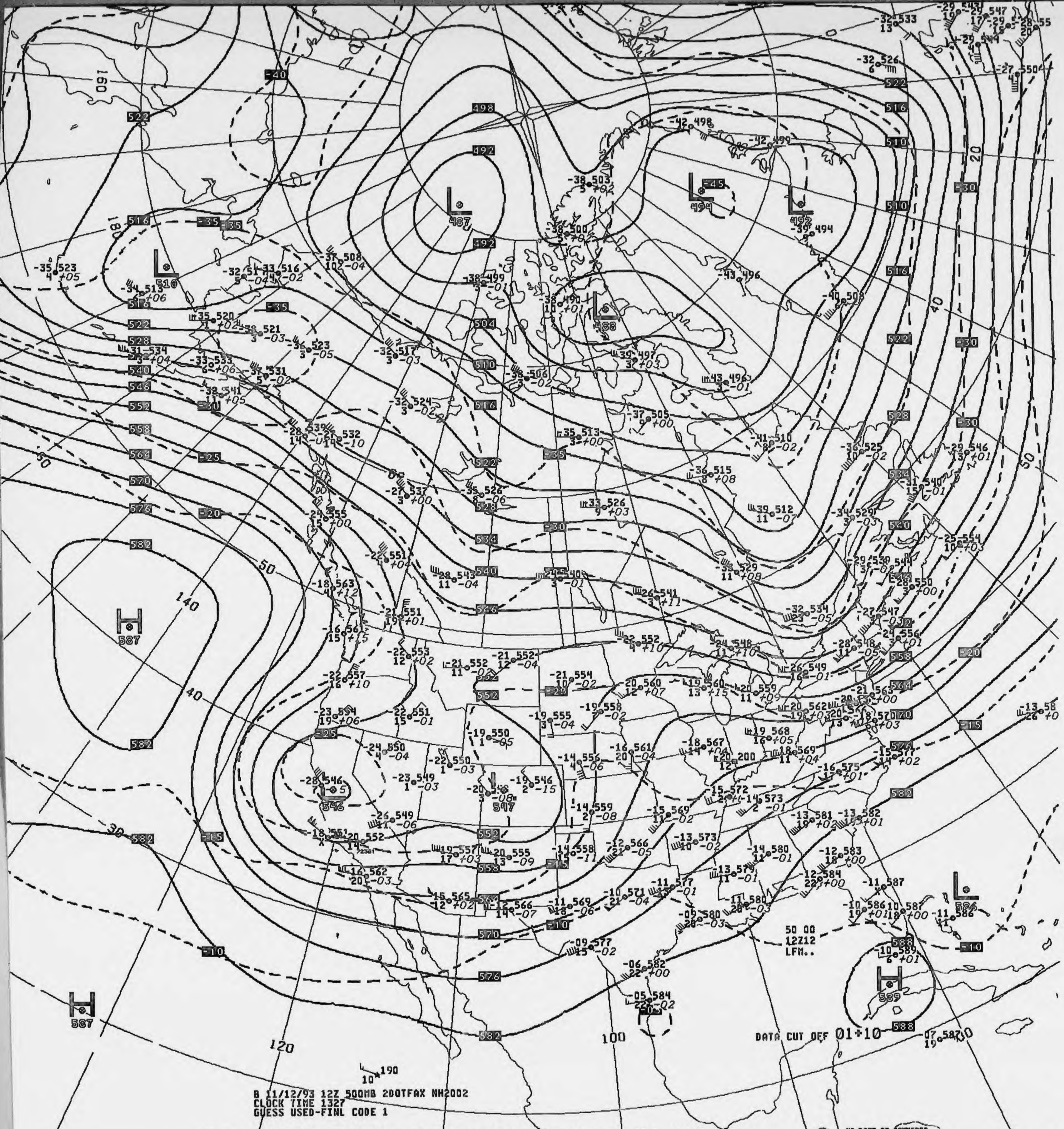
V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 11 NOV 93


50 00
00Z12
LEM
DATA CUT OFF 01+13
120
100
80
140
160
30
40
50
60
80
588
582
576
504
498
492
488
489
486
589

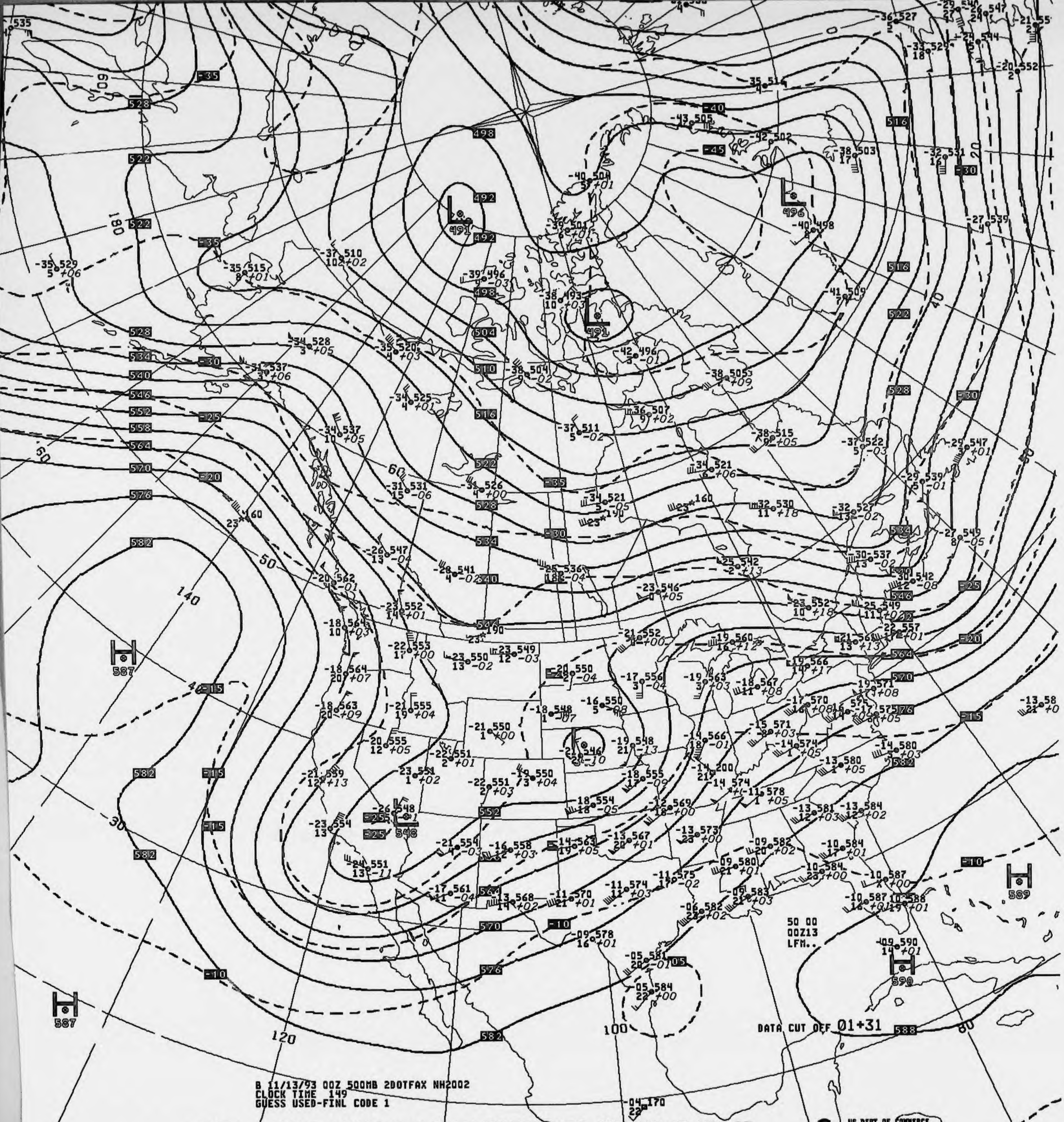
B 11/12/93 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 129
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 12 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/12/93 12Z 500MB 200TFAX NH2002
CLOCK TIME 1327
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
50 00
12Z12
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
160
180
140
120
100
50
40
30
20

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 12 NOV 93

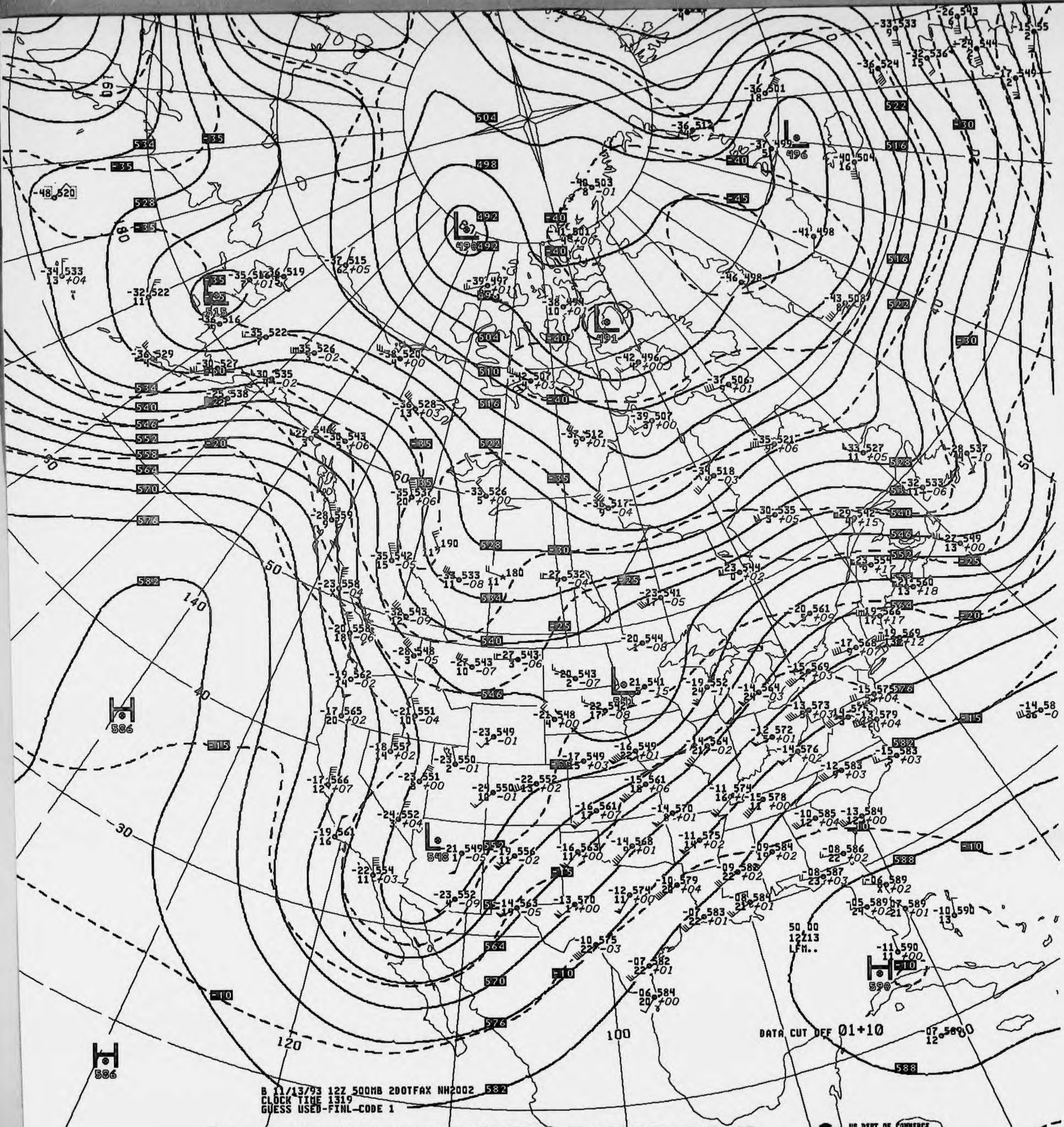


DATA CUT OFF 01+31
50 00
00Z13
LFM..
H 587
H 589
H 590
L 491
L 496
180
140
120
100
80
60
50
40
30

B 11/13/93 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 149
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 13 NOV 93

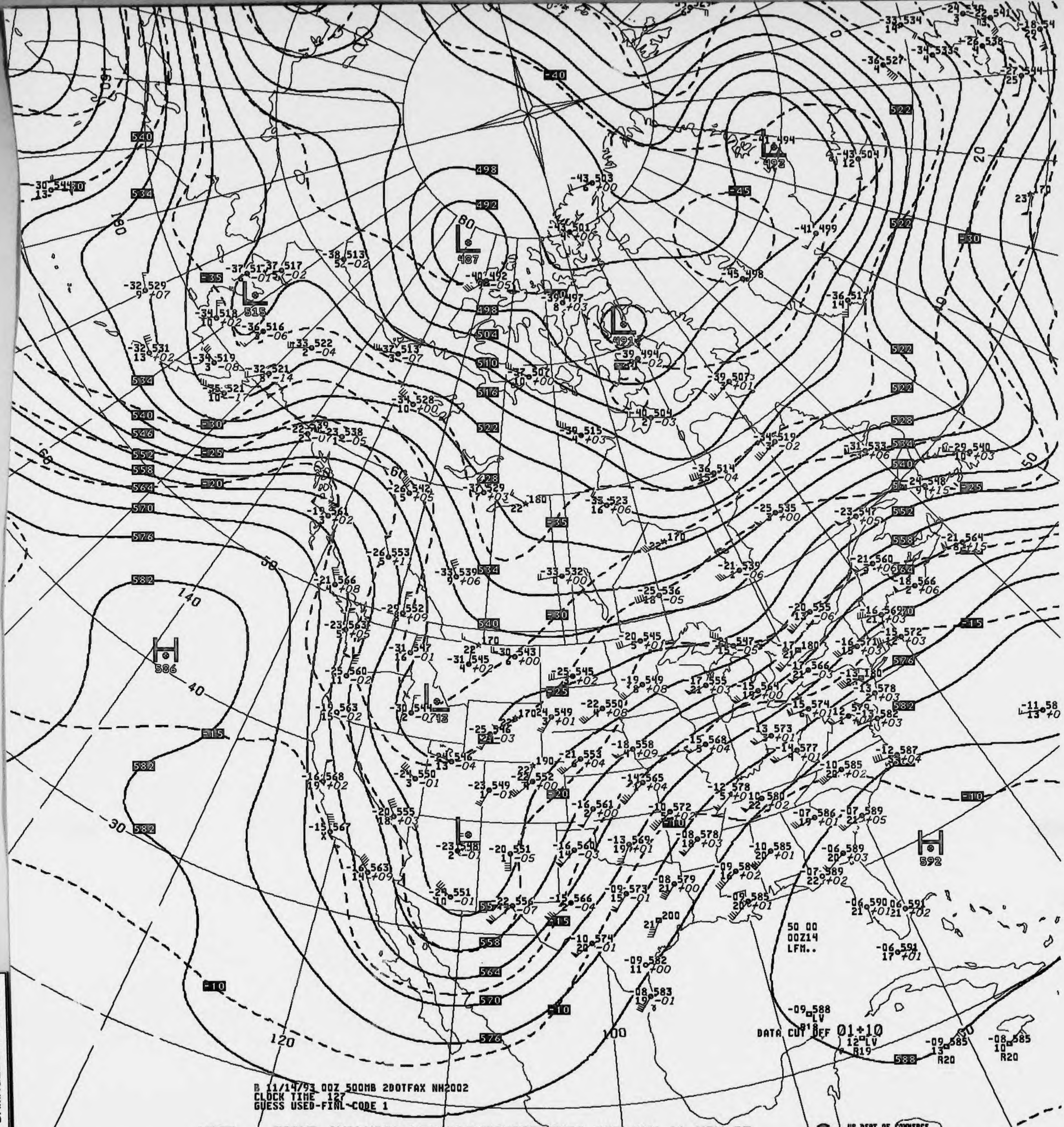
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


504
498
492
490
487
491
496
510
516
522
528
534
540
546
552
558
564
570
576
582
588
586
586
590
548
515
-35
-40
-45
-30
-25
-20
-15
-10
160
140
120
100
80
60
50
40
30
50 00
12Z13
LFM..
DATA CUT OFF 01+10

B 11/13/93 12Z 500MB 200TFAX NH2002
CLOCK TIME 1319
GUESS USED-FINL-CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 13 NOV 93

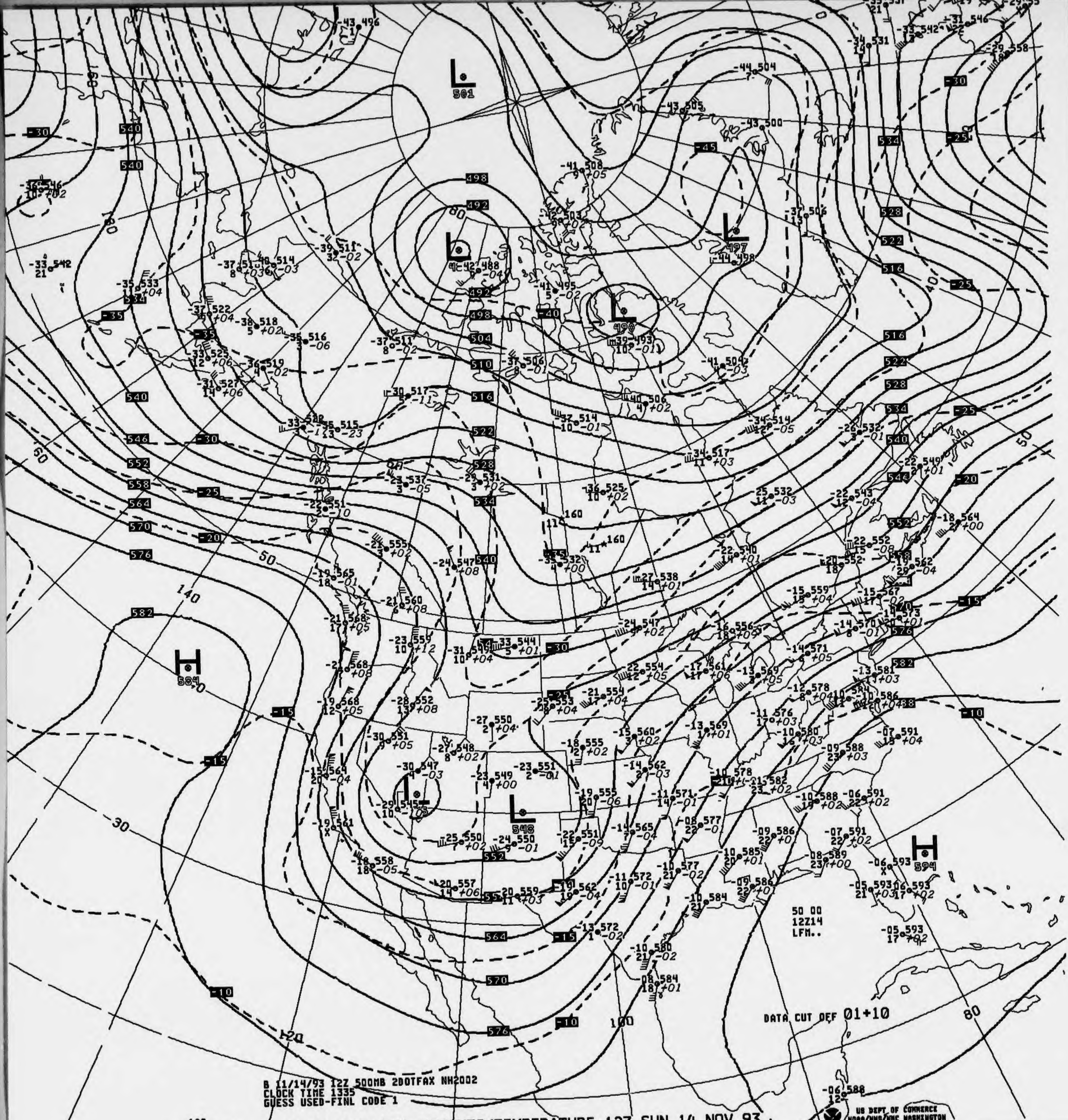
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/14/93 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL-CODE 1
DATA CUT OFF 01+10
50 00
00Z14
LFM..
H 586
H 592
L 487
L 491
L 492
L 515
498
492
504
510
516
522
528
534
540
546
552
558
564
570
576
582
588
-40
-45
-35
-30
-25
-20
-15
-10
120
100
140

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 14 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

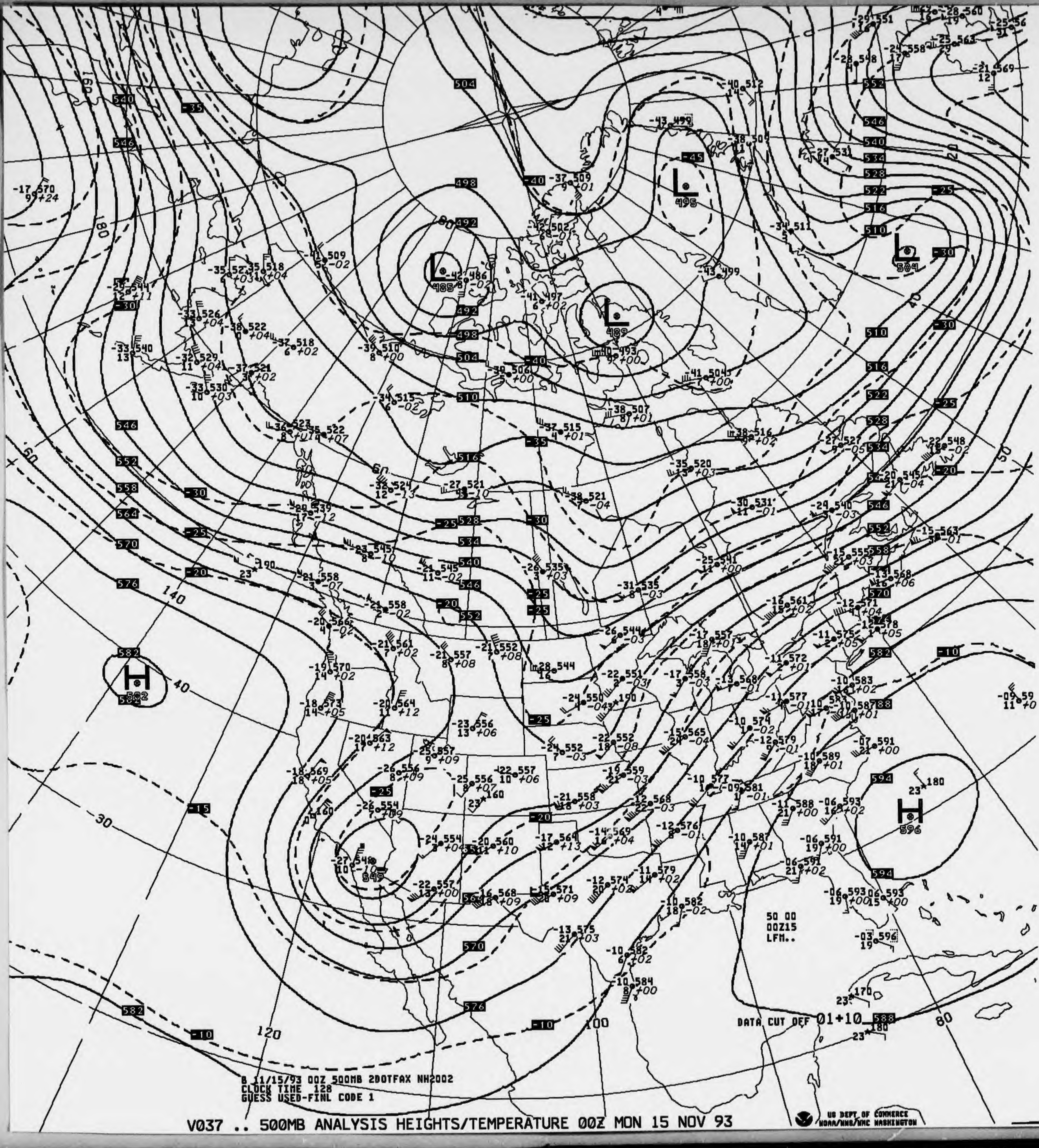
BEST AVAILABLE RECORD
DAMAGED DOCUMENT


L 501
L 492
L 497
L 496
L 548
H 584
H 594
50 00
12Z14
LFM..
DATA CUT OFF 01+10
140
120
100
80
50
30
60

B 11/14/93 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1335
GUESS USED-FINL CODE 1

11*180 V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 14 NOV 93 ,

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



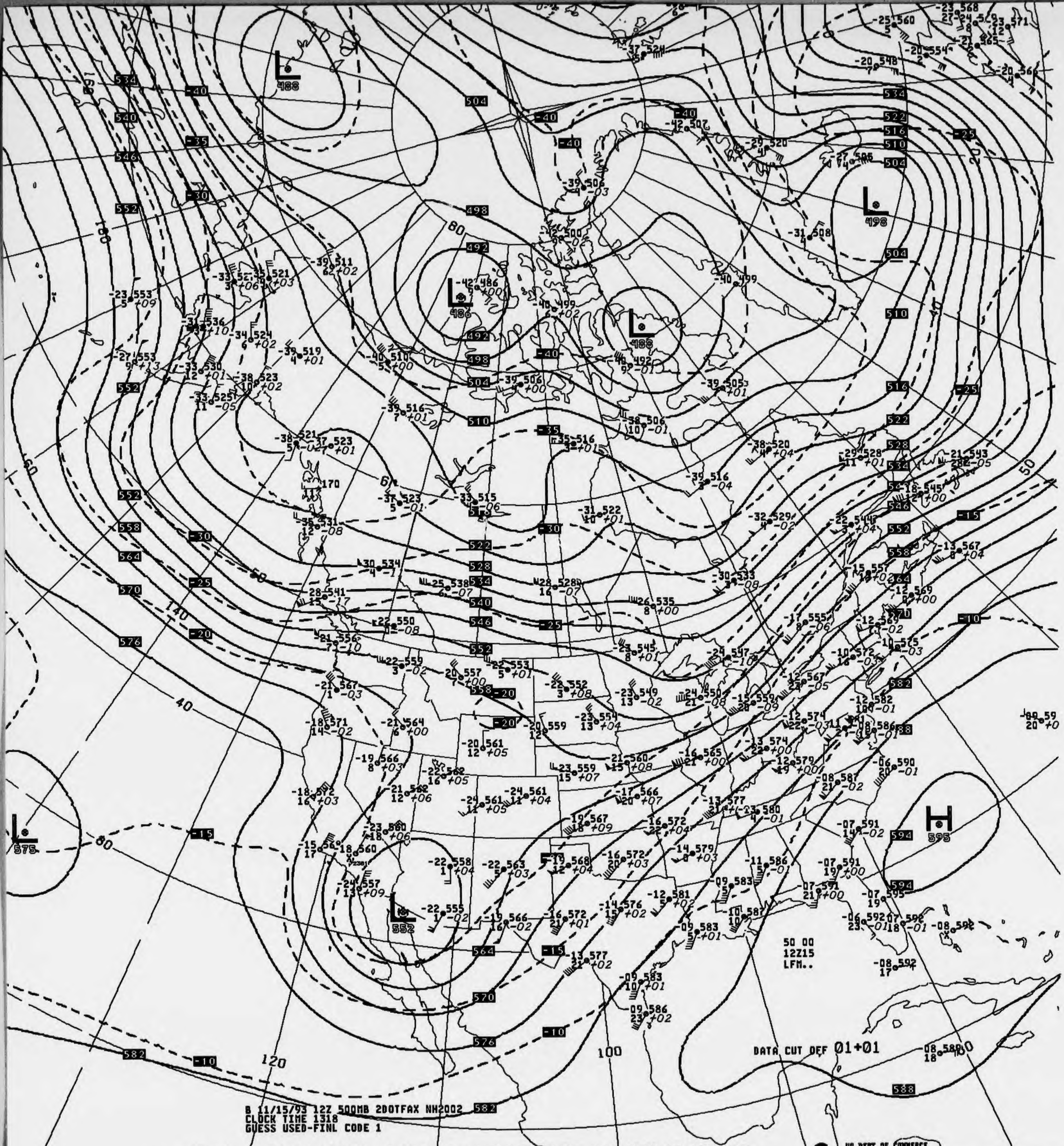
50 00
00Z15
LFM..

DATA CUT OFF 01+10

B 11/15/93 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 128
GUESS USED-FINL CODE 1

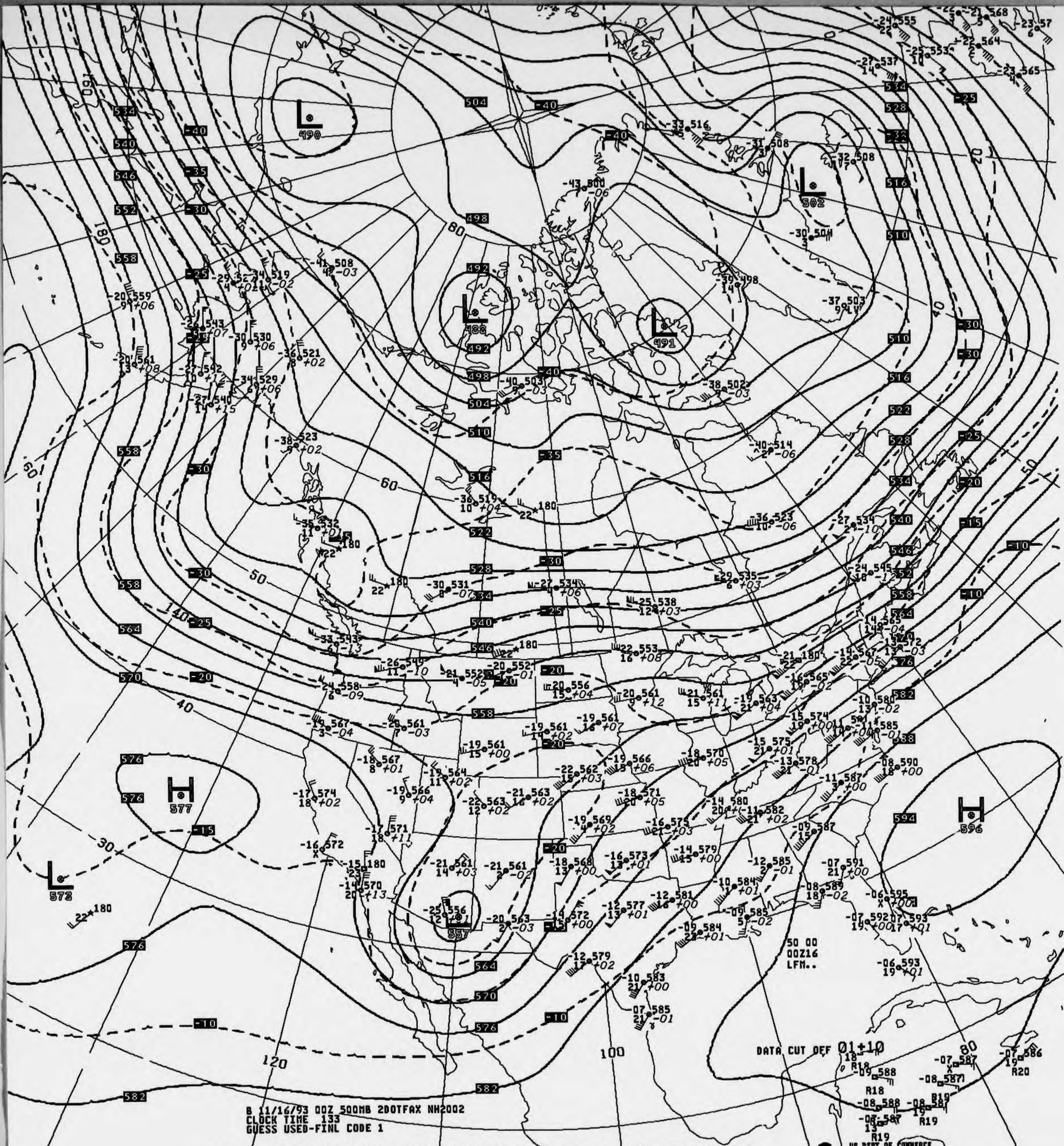
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 15 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+01
50 00
12Z15
LFM..
B 11/15/93 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1318
GUESS USED-FINL CODE 1
L 488
L 498
L 486
L 488
L 575
L 552
H 595
504
498
492
510
516
522
528
534
540
546
552
558
564
570
576
582
588
594
-40
-35
-30
-25
-20
-15
-10
160
140
120
100
80
60
50
40

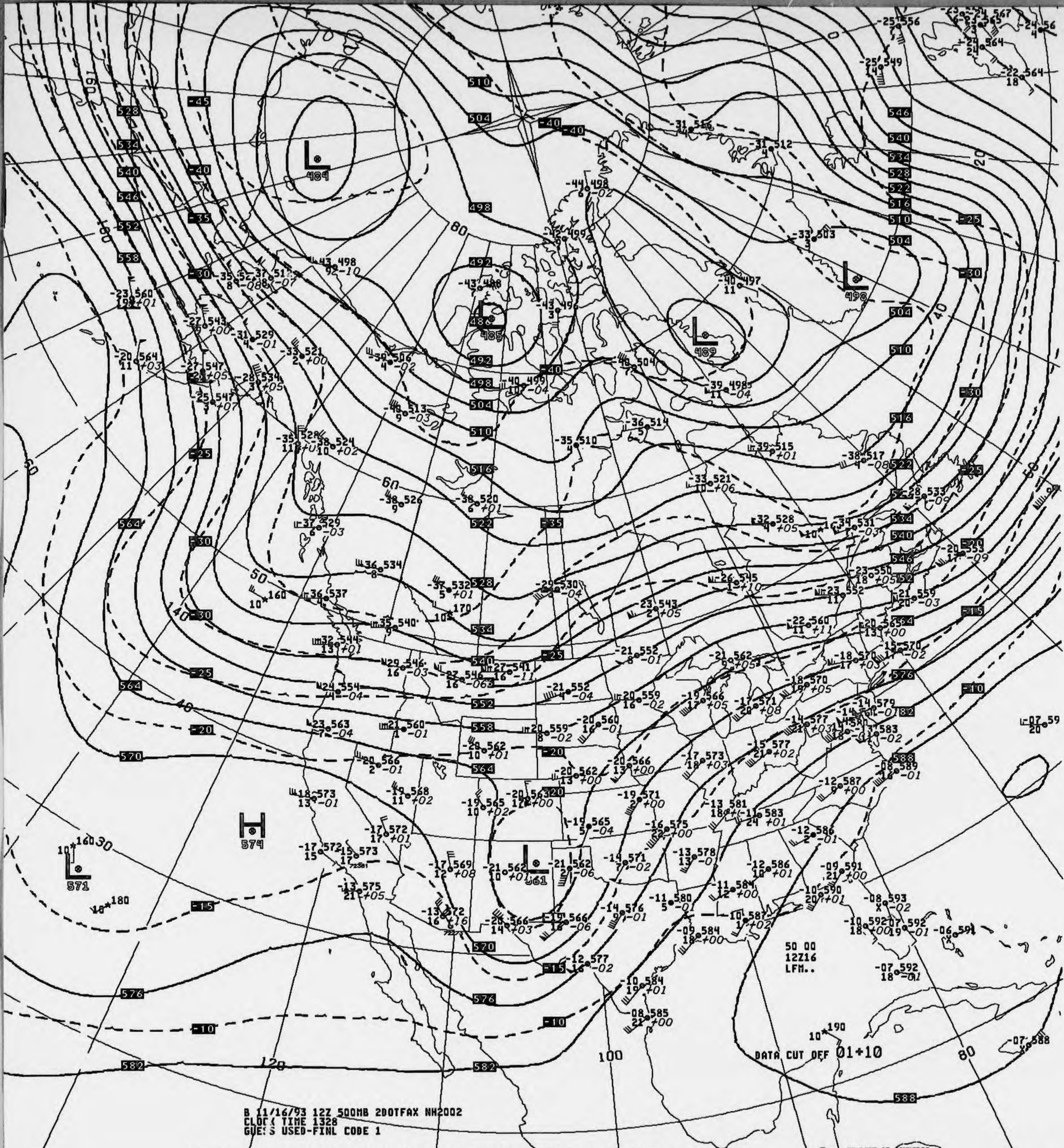
V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 15 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
490
L
488
L
491
L
502
L
573
H
577
H
596
L
557
50 00
00Z16
LFM..
DATA CUT OFF 01+10
B 11/16/93 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 133
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 16 NOV 93

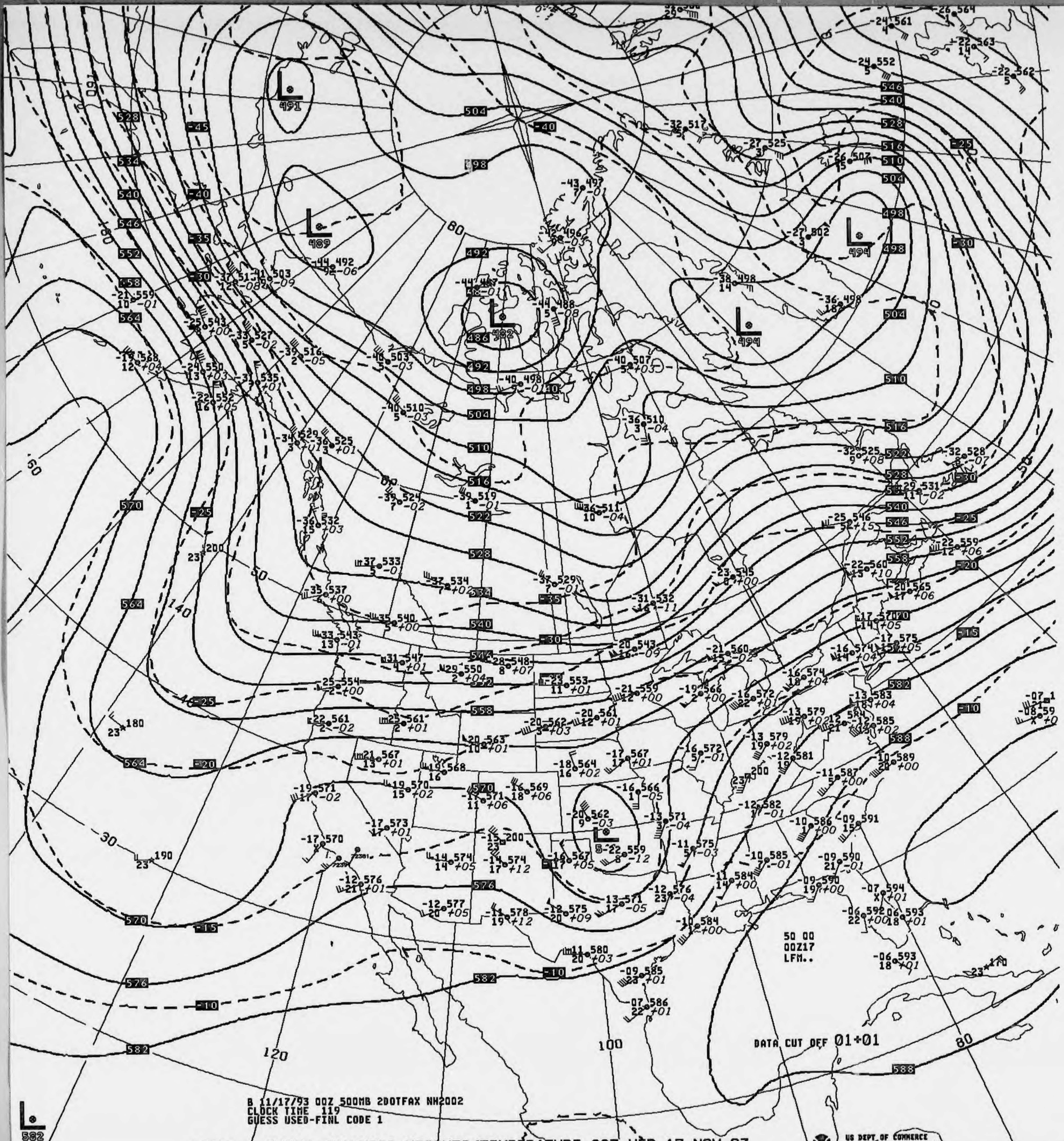
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


50 00
12Z16
LFM..
DATA CUT OFF 01+10
H
574
L
484
L
489
L
498
L
561
L
571

B 11/16/93 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1328
GUESS USED-FINL CODE 1

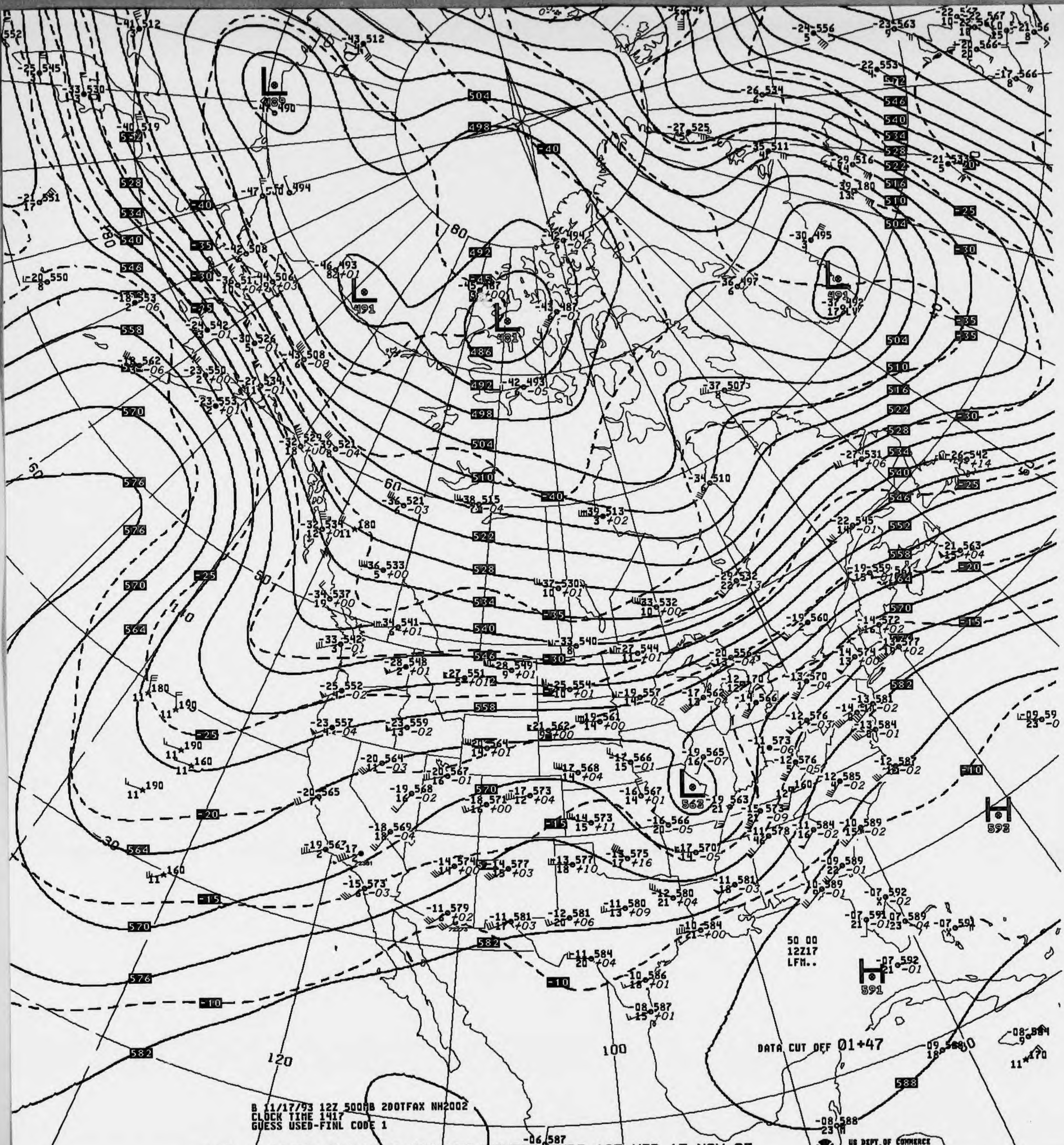
V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 16 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

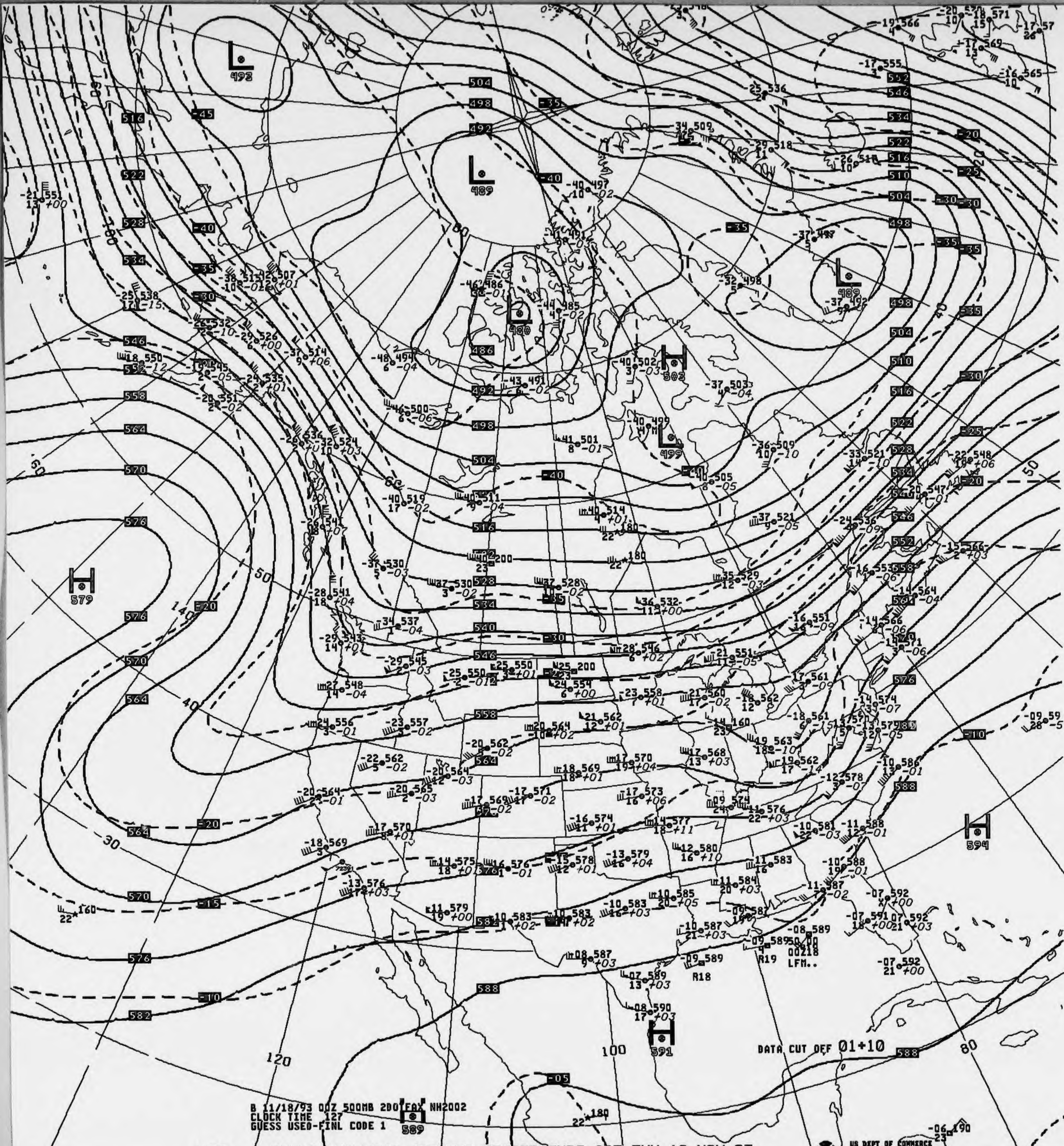

DATA CUT OFF 01+01
50 00
00Z17
LFM..
B 11/17/93 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 119
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 17 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/17/93 12Z 500MB 200TFAX NH2002
CLOCK TIME 1417
GUESS USED-FINL CODE 1
50 00
12Z17
LFM..
DATA CUT OFF 01+47
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 17 NOV 93



L 492
L 489
L 480
L 499
L 489
H 502
H 579
H 594
H 591
H 589
504
498
492
516
522
528
534
546
552
558
564
570
576
582
588
-45
-40
-35
-30
-25
-20
-15
-10
-05
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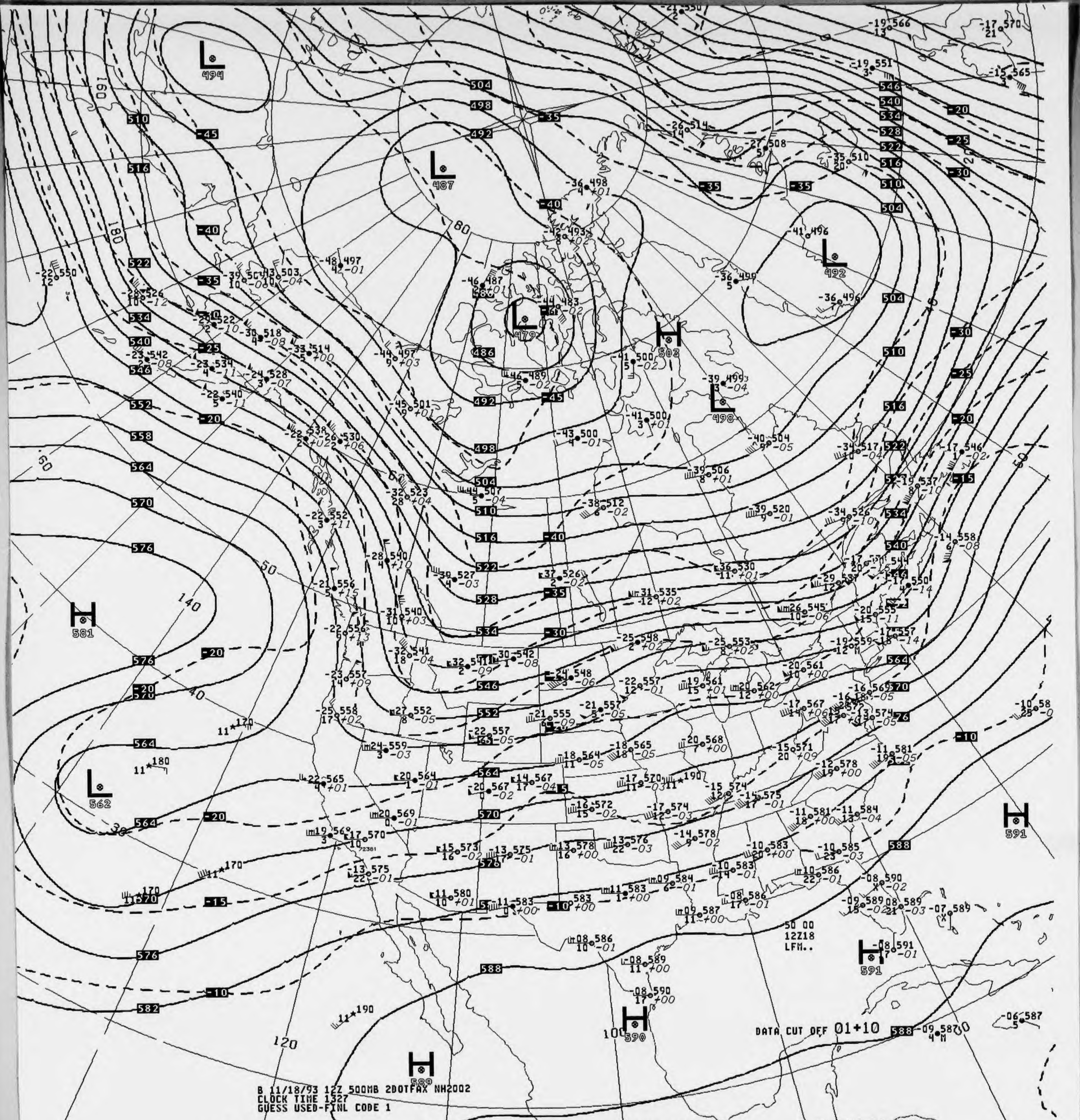
100
80
60
50
40
30
140
DATA CUT OFF 01+10
B 11/18/93 00Z 500MB 200 FAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 18 NOV 93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CLOCK TIME 1327
GUESS USED-FINL CODE 1
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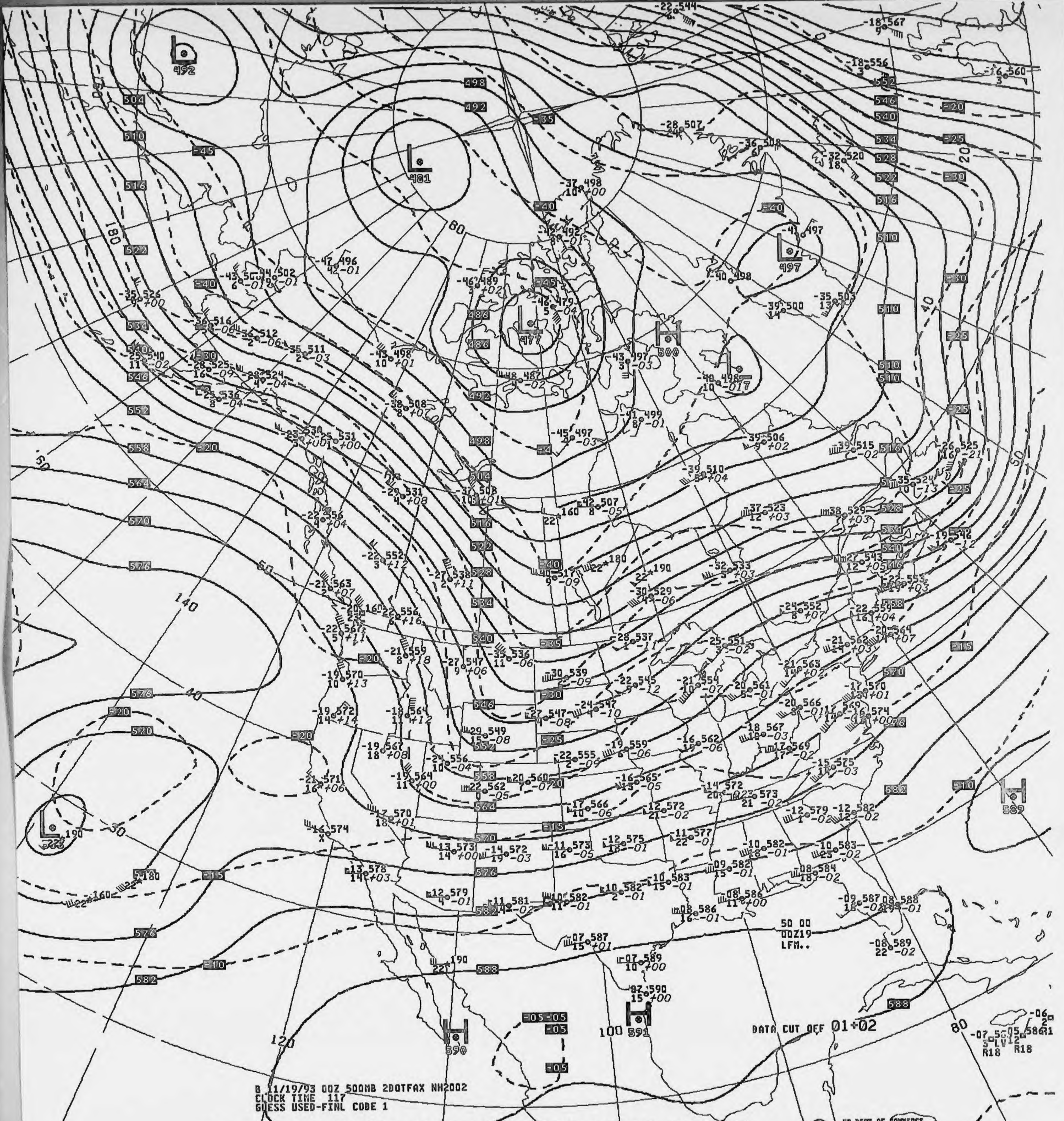
12Z18
LFM..
L 494
L 487
L 479
L 492
L 498
L 562
H 503
H 581
H 591
H 589
H 590

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 18 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 492
L 481
L 477
L 497
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H 589
H 590
H 591
L 223
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00Z19
LFM..
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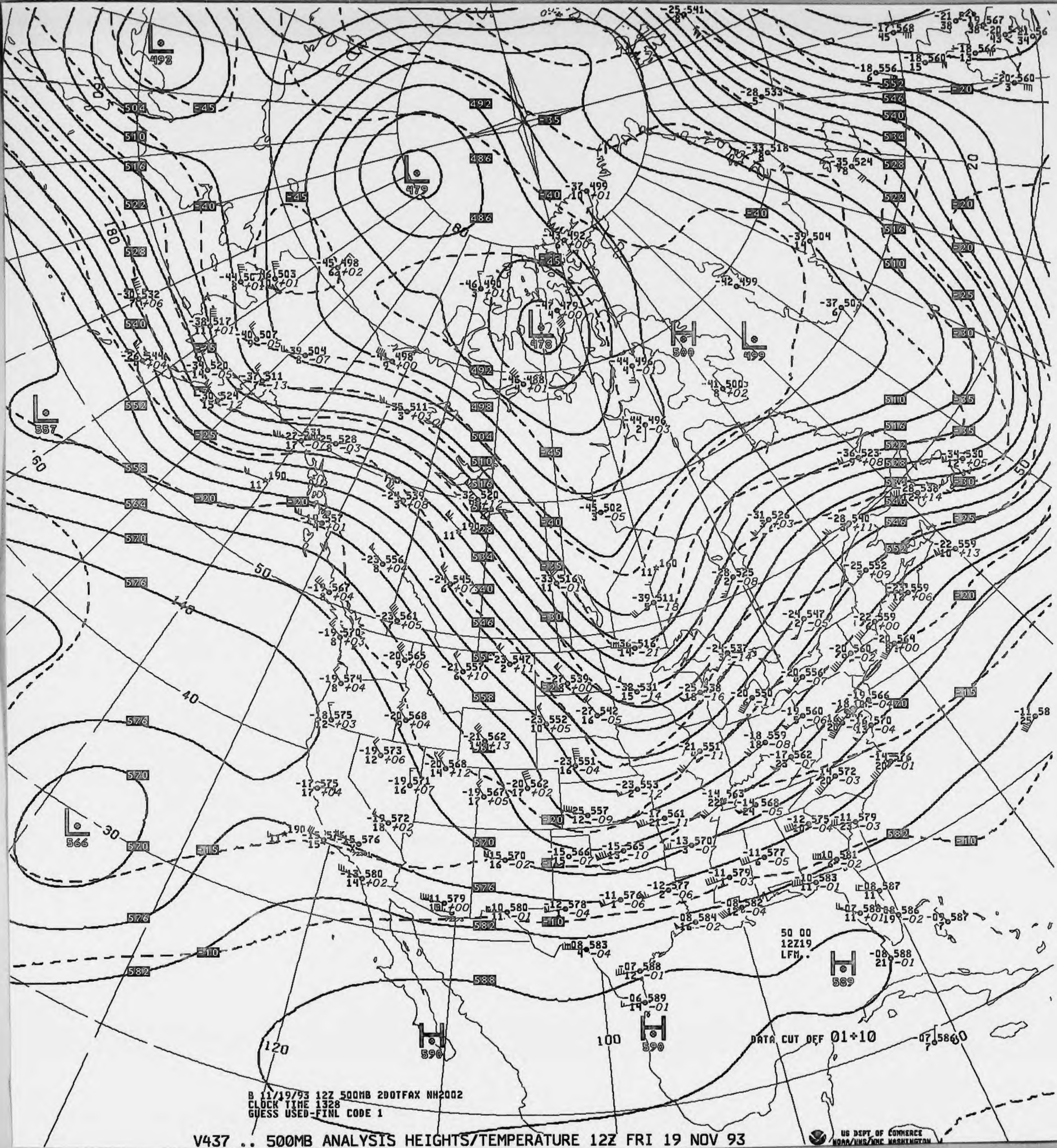
B 11/19/93 00Z 500MB 20OTFAX NH2002
CLOCK TIME 117
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

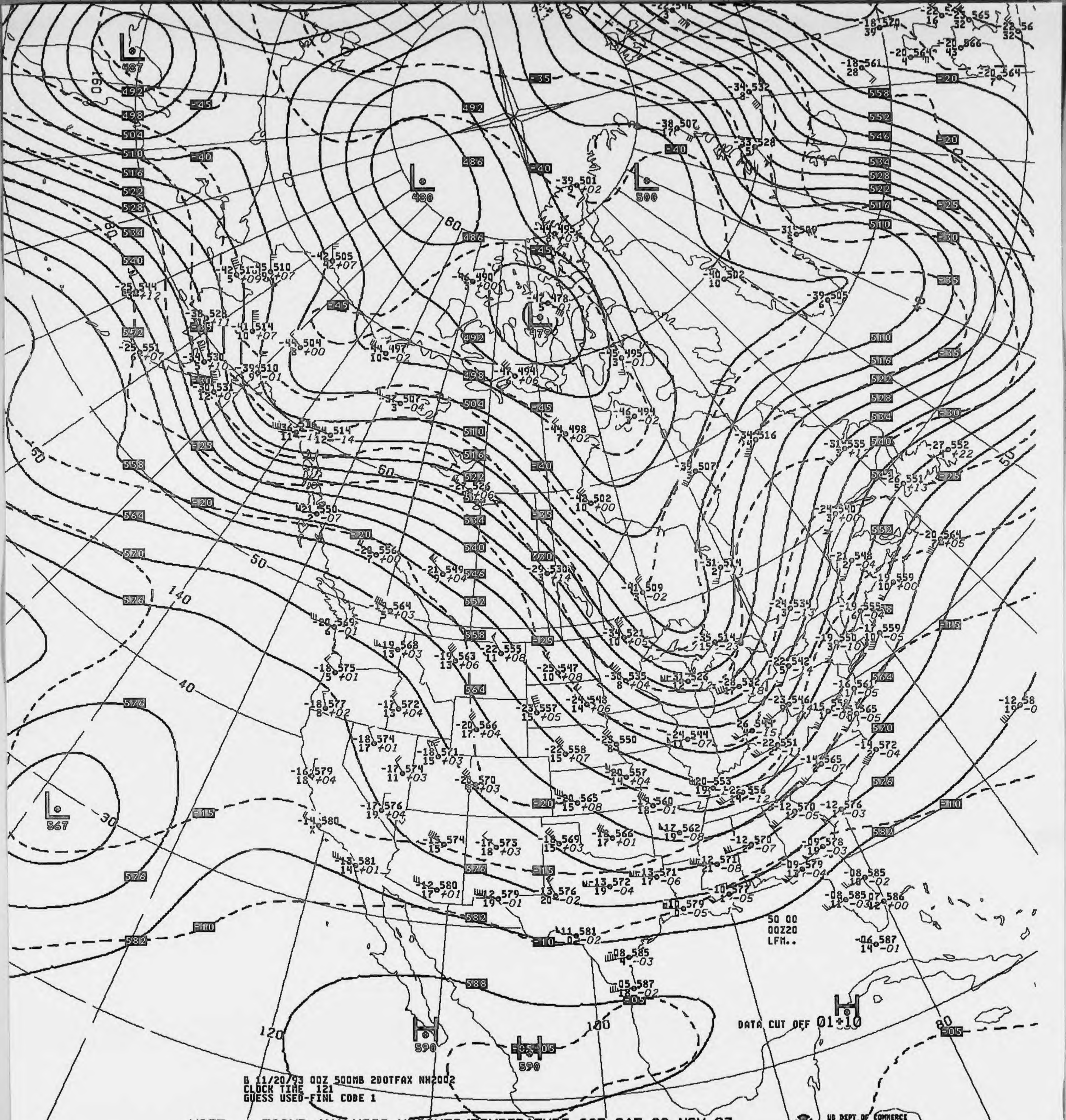
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 19 NOV 93



L 492
L 479
L 478
H 500
L 499
L 557
L 566
H 589
H 590
H 590
DATA CUT OFF 01+10
50 00
12Z19
LFM.
B 11/19/93 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1328
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 19 NOV 93

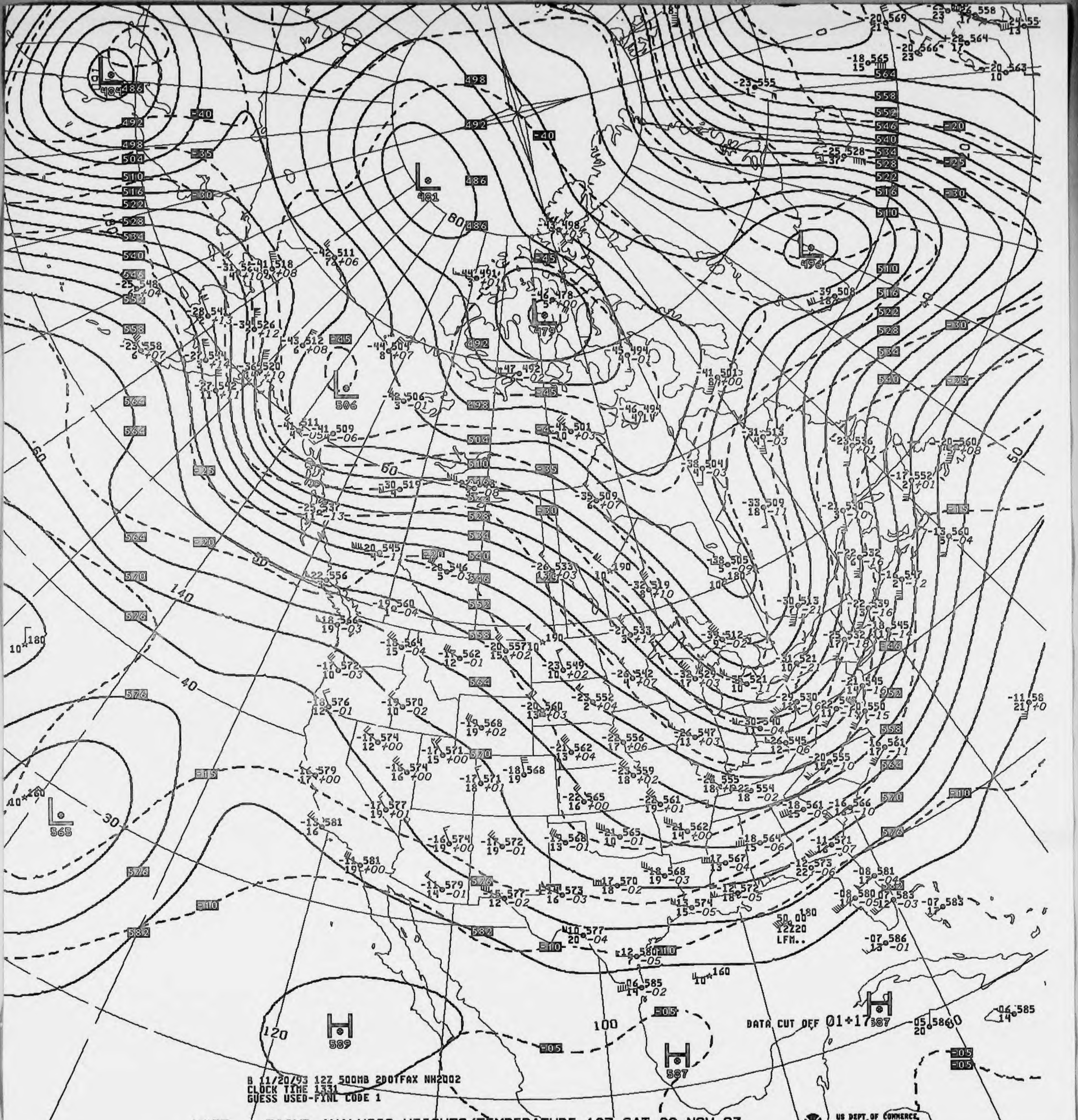
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 487
L 480
L 500
L 479
L 567
H 590
H 590
50 00
00Z20
LFM..
DATA CUT OFF 01+10

B 11/20/93 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 121
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 20 NOV 93

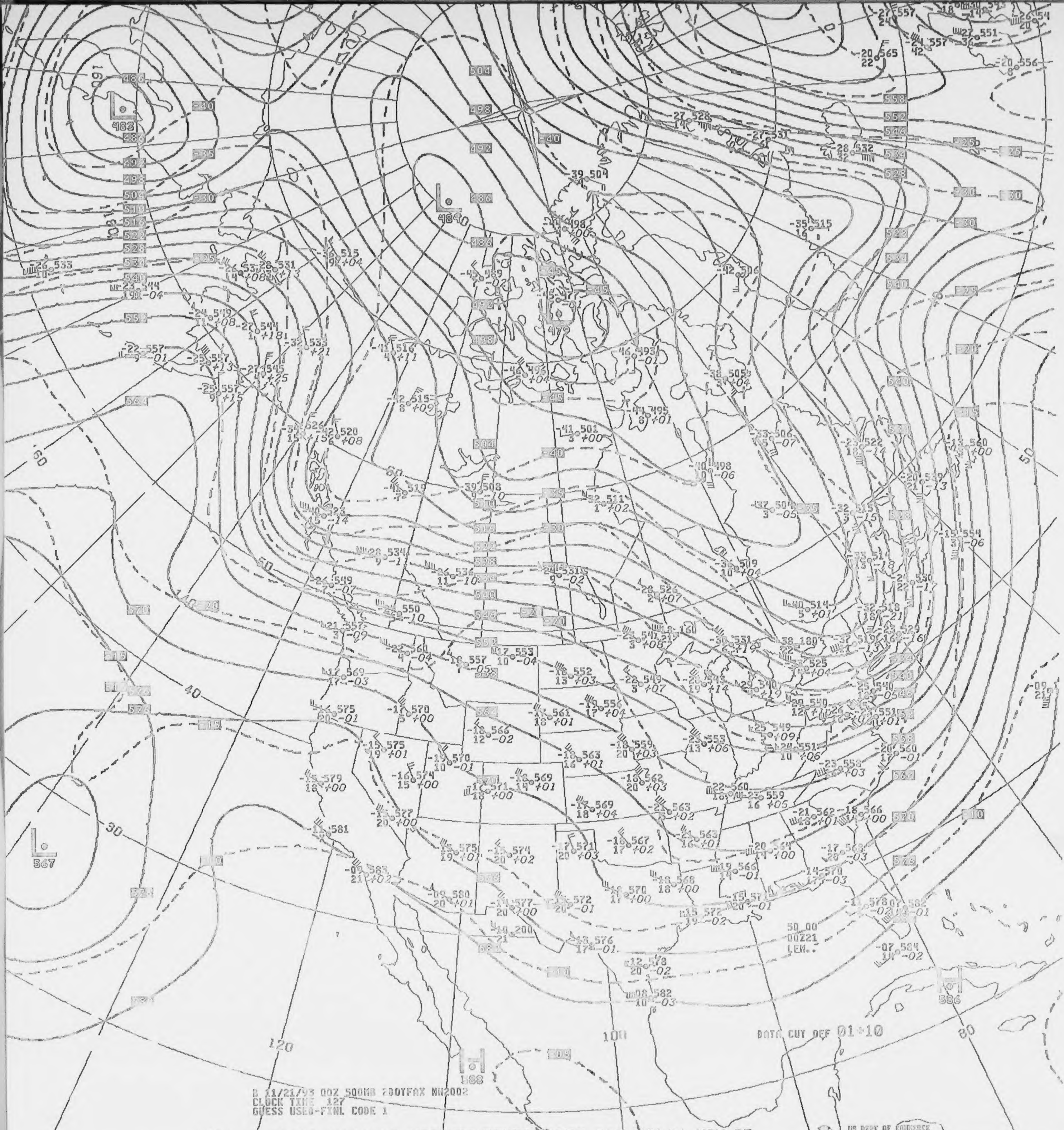
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 484
L 481
L 479
L 506
L 496
L 565
H 589
H 587
H 587
DATA CUT OFF 01+17
LFM..

B 11/20/93 12Z 500MB 2001FAX NH2002
CLOCK TIME 1331
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 20 NOV 93

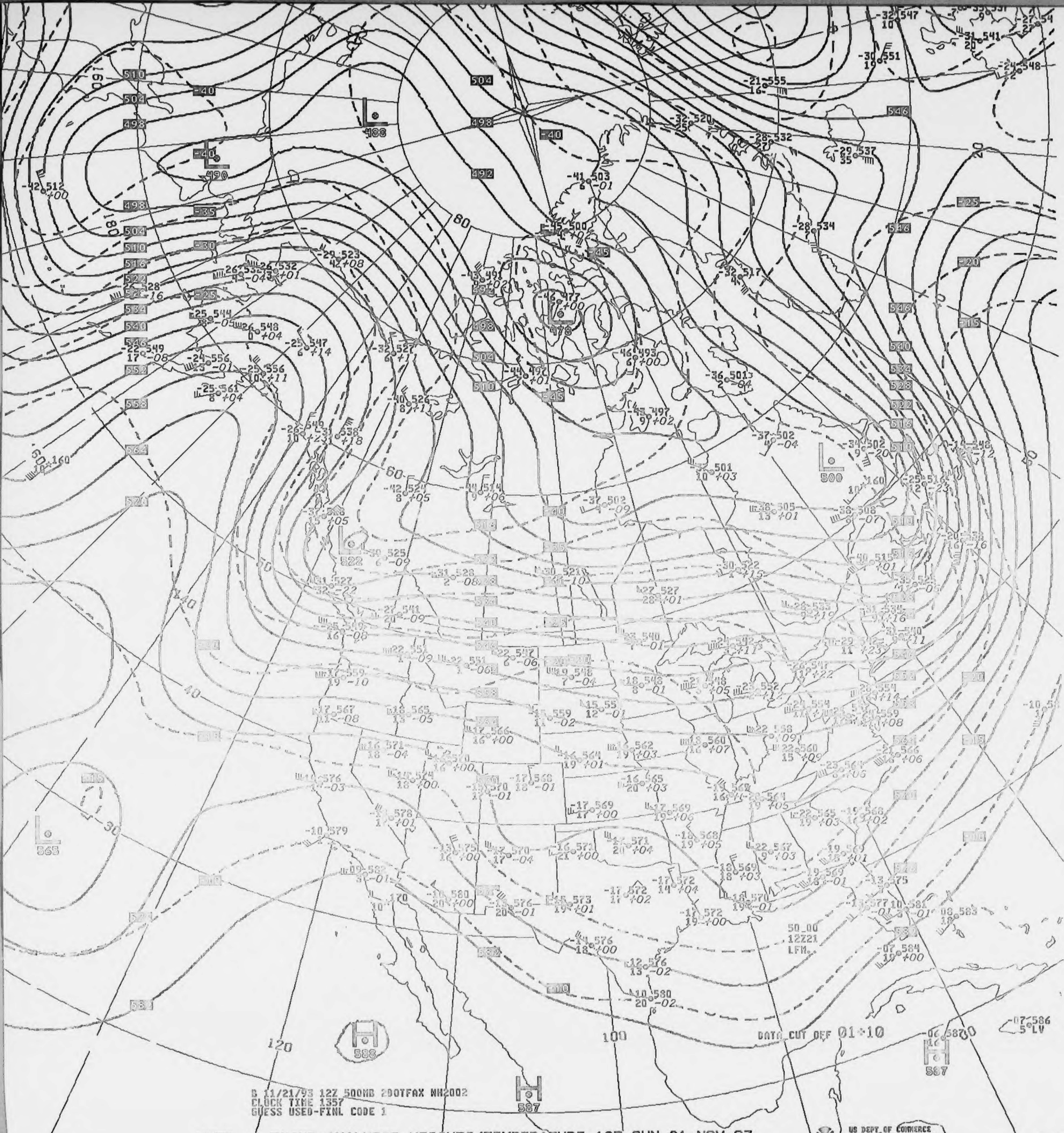
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
483
L
484
L
479
L
567
H
588
H
586
120
100
80
60
50
40
30
50 00
00Z21
LEM.
DATA CUT OFF 01+10

B 11/21/93 00Z 500MB 200TFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 21 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+10
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12Z21
LFM
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40
120
100

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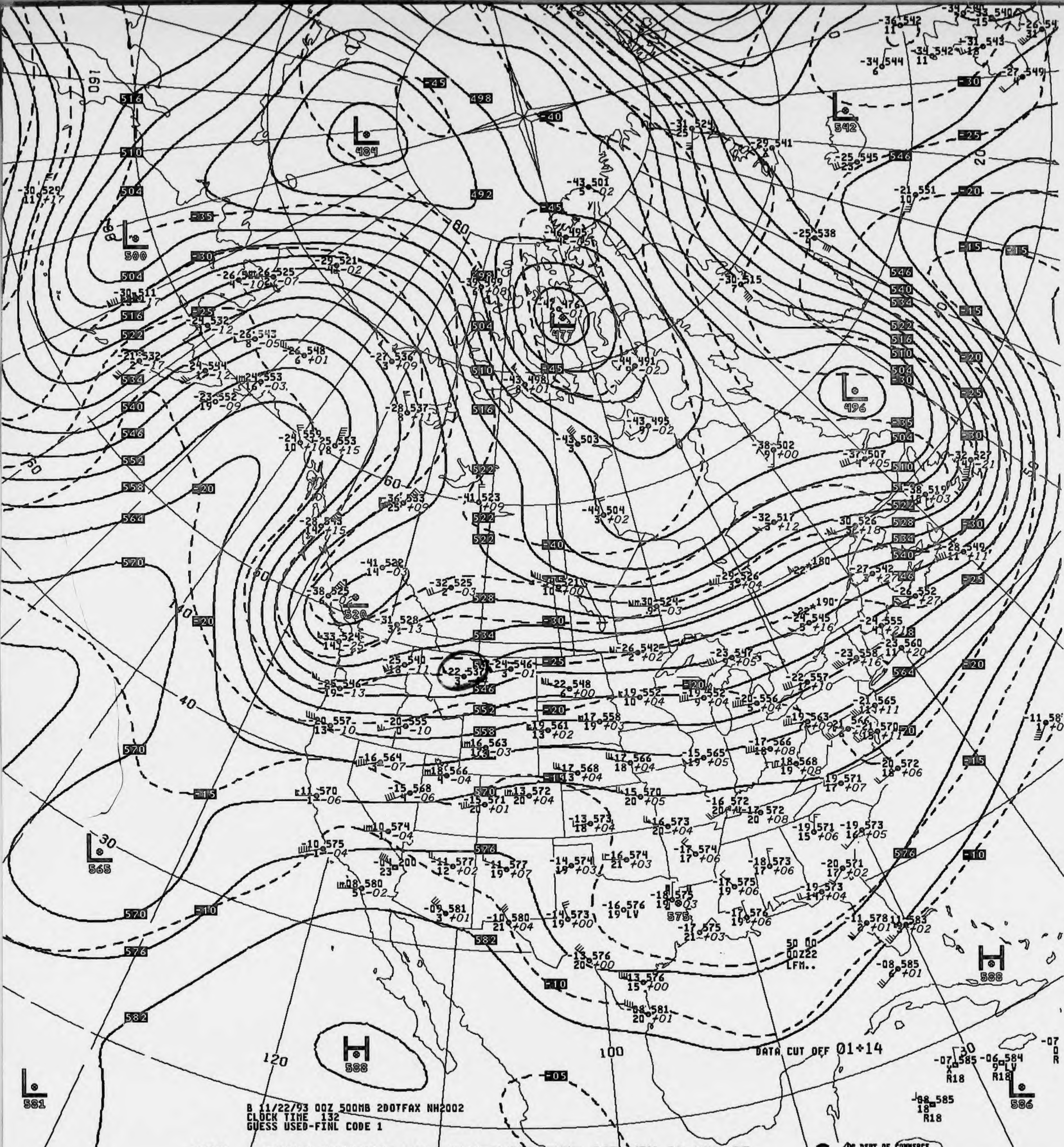
CLOCK TIME 1357
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 21 NOV 93

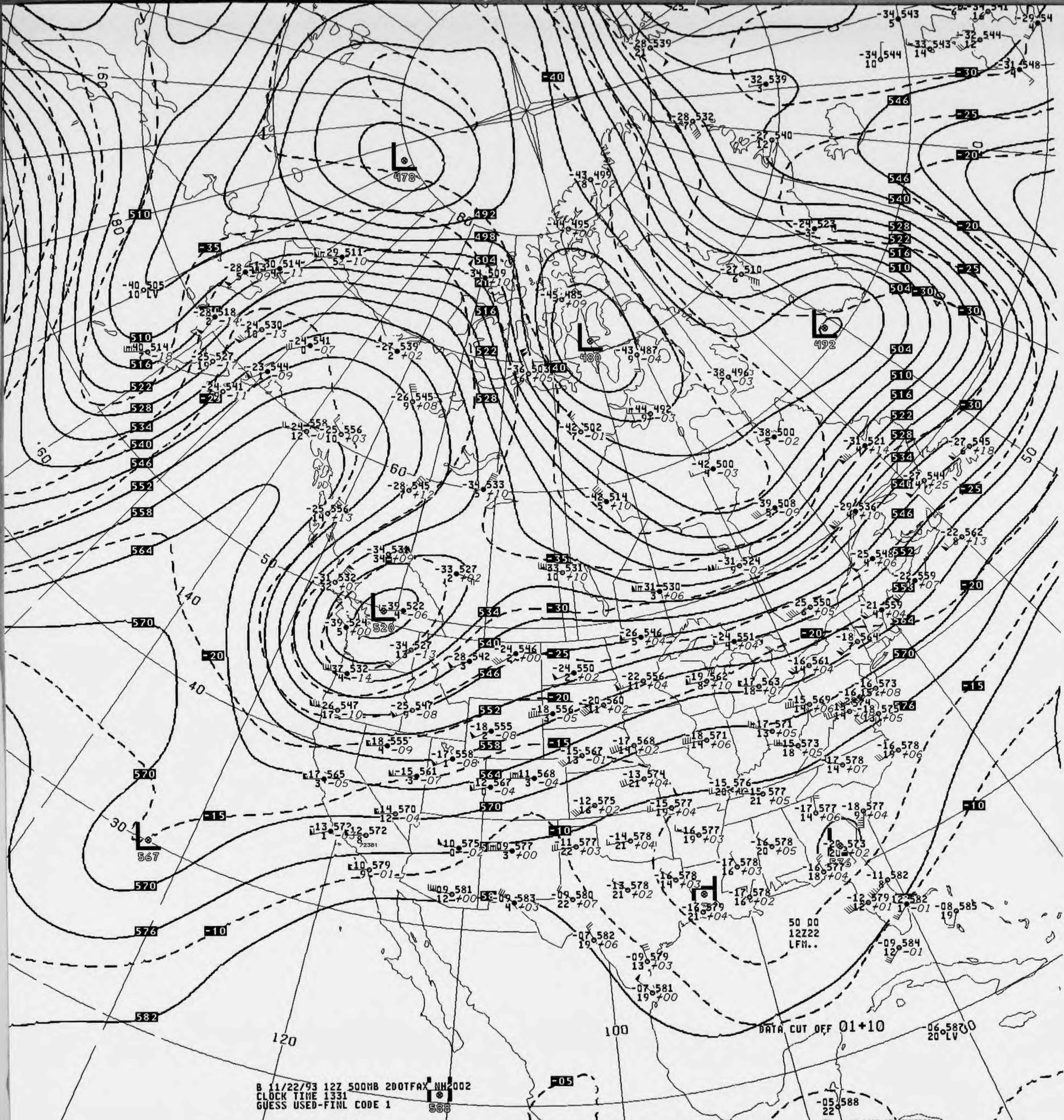
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 11/22/93 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 132
GUESS USED-FINL CODE 1
DATA CUT OFF 01+14
50 00
00Z22
LFM..
L 484
L 500
L 477
L 542
L 496
L 565
L 581
L 586
H 588
H 588
160
140
120
100
60
50
40
30
20

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 22 NOV 93

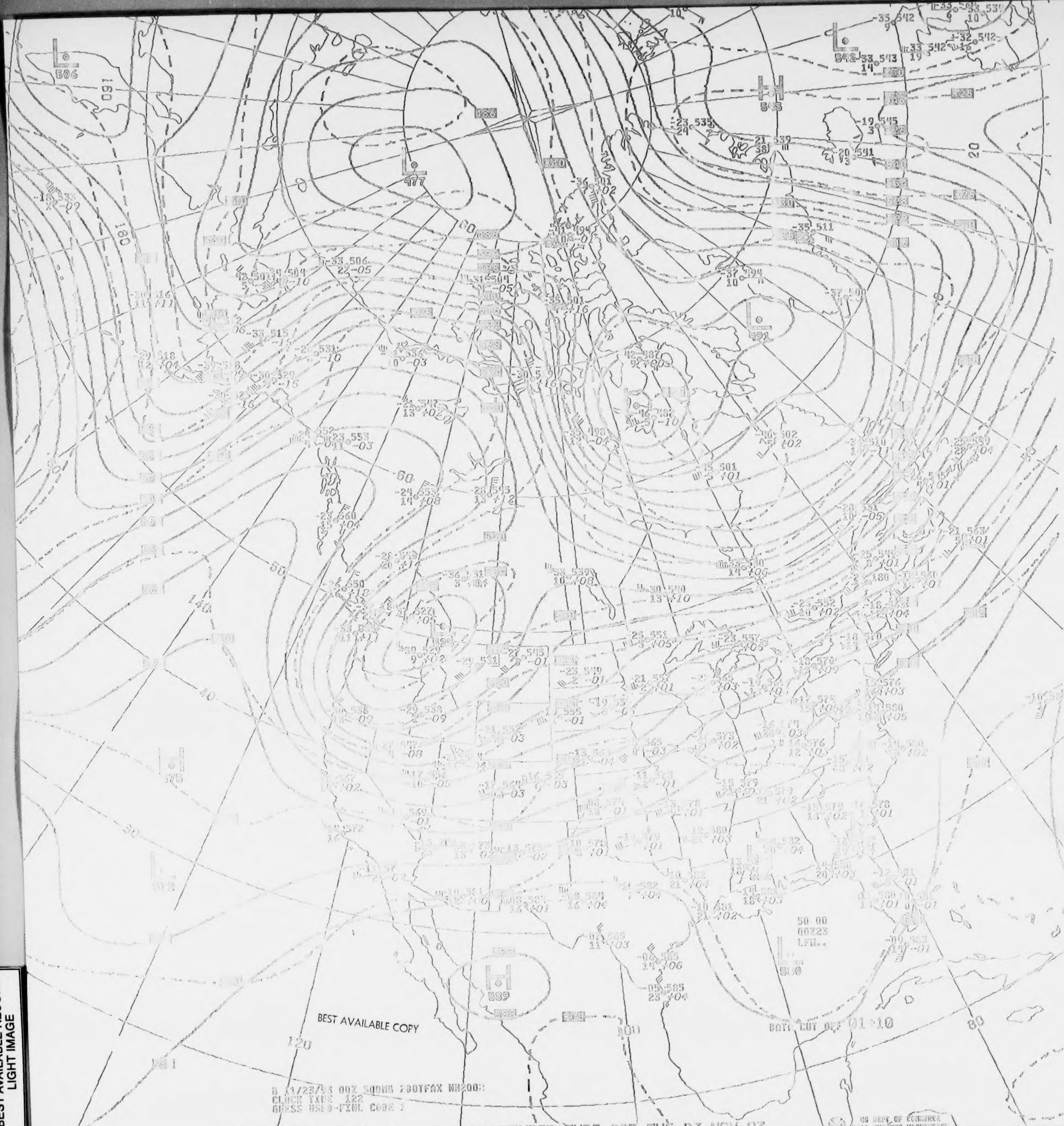
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 478
L 480
L 492
L 520
L 567
H 588
DATA CUT OFF 01+10
50 AO
12Z22
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 11/22/93 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1331
GUESS USED-FINL CODE 1

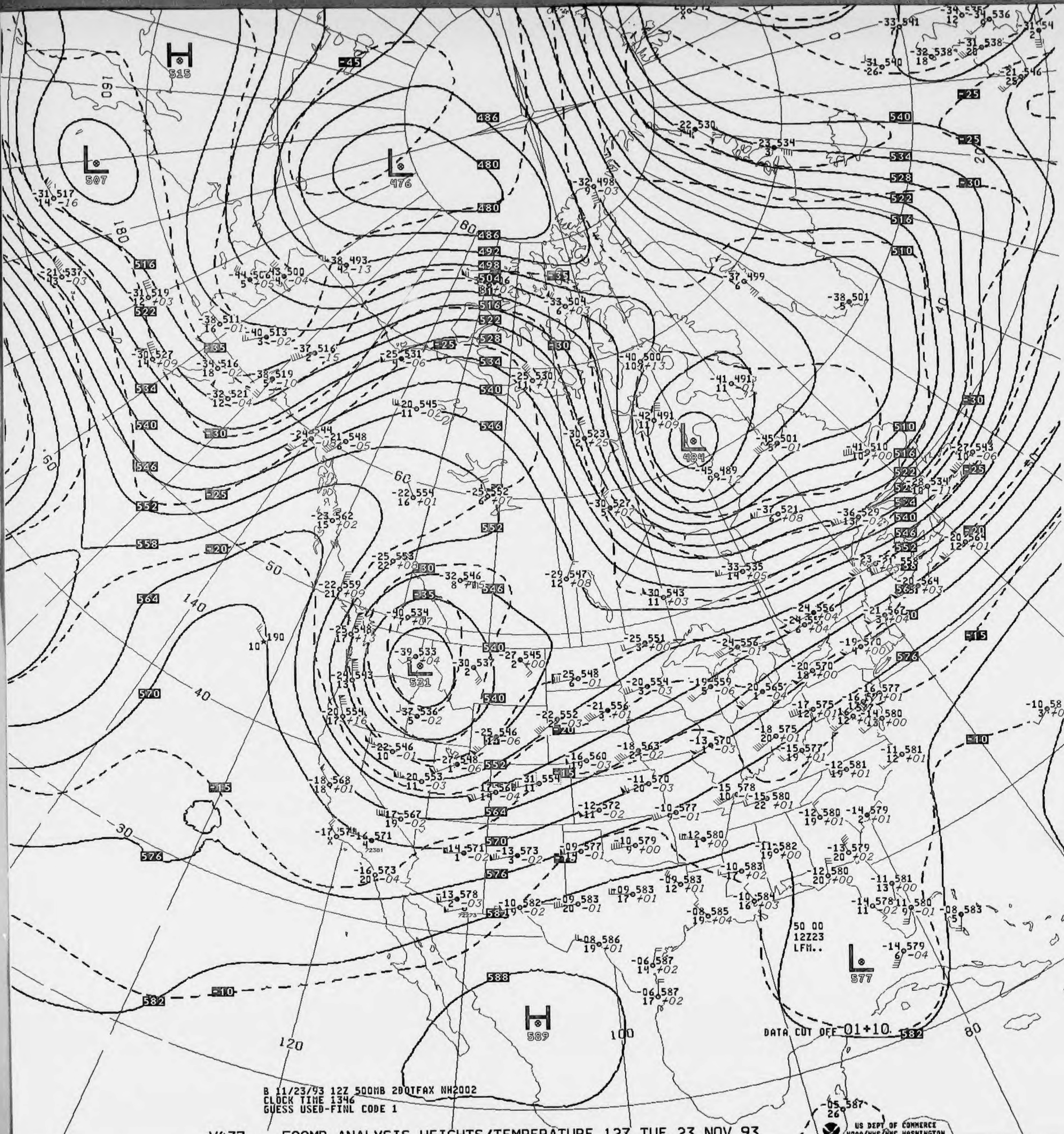
V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 22 NOV 93

BEST AVAILABLE RECORD
LIGHT IMAGE


L 506
L 477
L 491
H 545
L 528
L 578
L 572
H 589
L 580
180
160
140
120
100
80
60
50
40
30
20
50 00
00Z23
LFM..
DATA CUT OFF 01+10
B 11/23/93 00Z 500MB 2DOTFAX NH200R
CLOCK TIME 122
GUESS USED-FINL CODE ?
US DEPT OF COMMERCE
NOAA NWS/NMC WASHINGTON

BEST AVAILABLE COPY

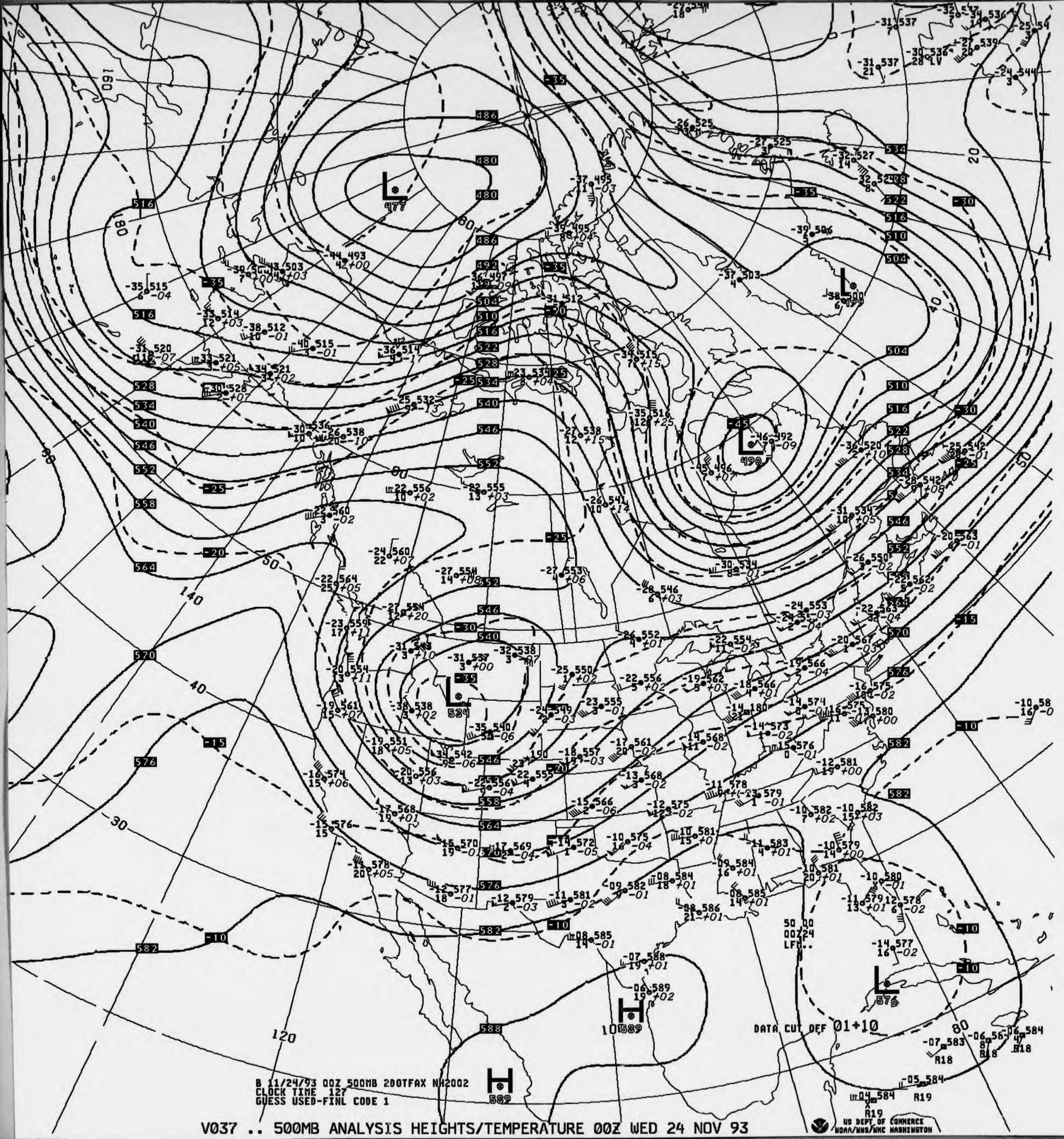
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 23 NOV 93


H 515
L 507
L 476
L 484
L 531
L 577
H 589
DATA CUT OFF 01+10
50 00
12Z23
LFM..
160
180
140
120
100
80
60
50
40
30

B 11/23/93 12Z 500MB 200TFAX NH2002
CLOCK TIME 1346
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 23 NOV 93

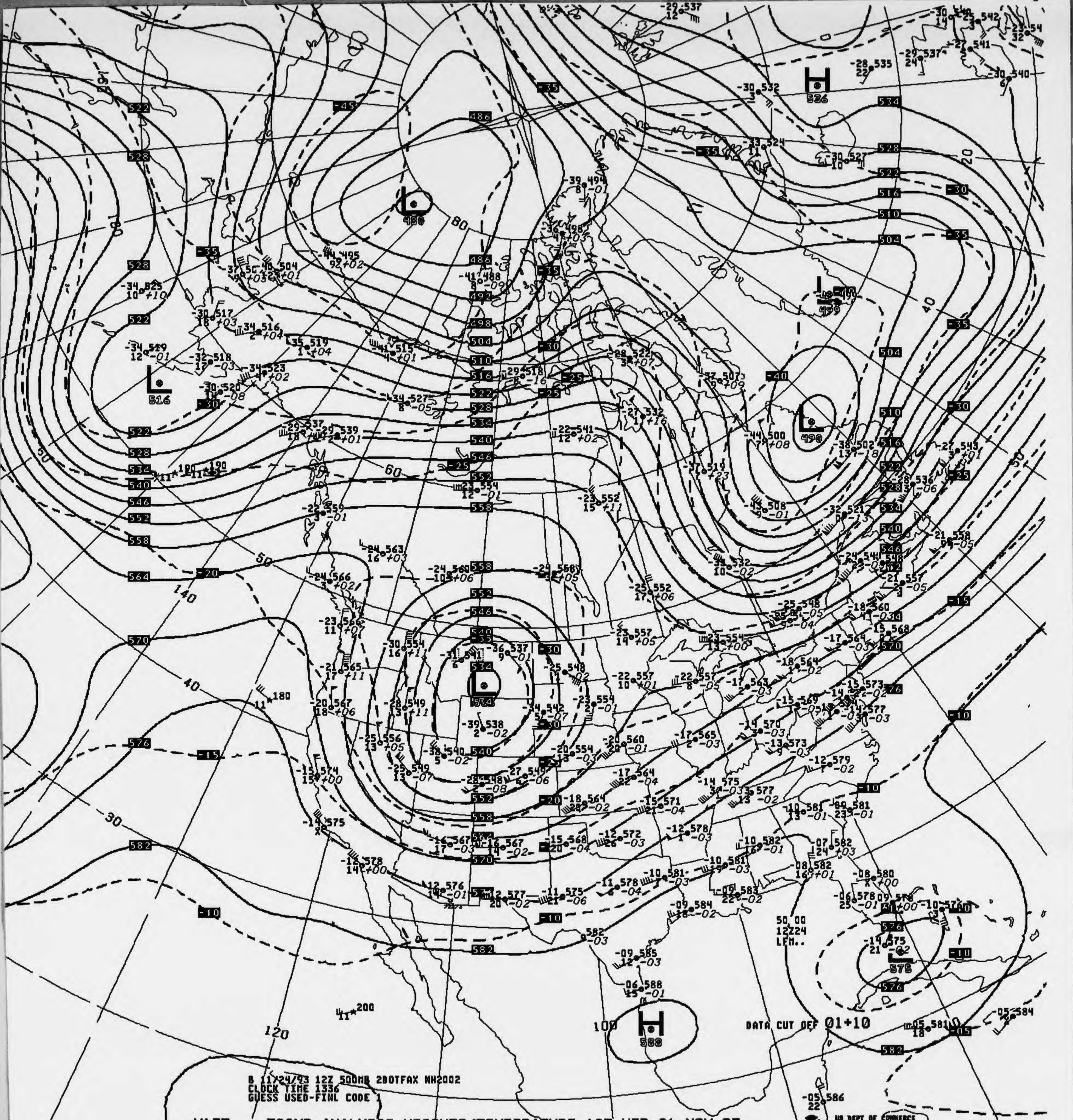
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 477
L 490
L 500
L 524
L 579
H 589
H 589
DATA CUT OFF 01+10
50 00
00Z24
LFM..

B 11/24/93 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 24 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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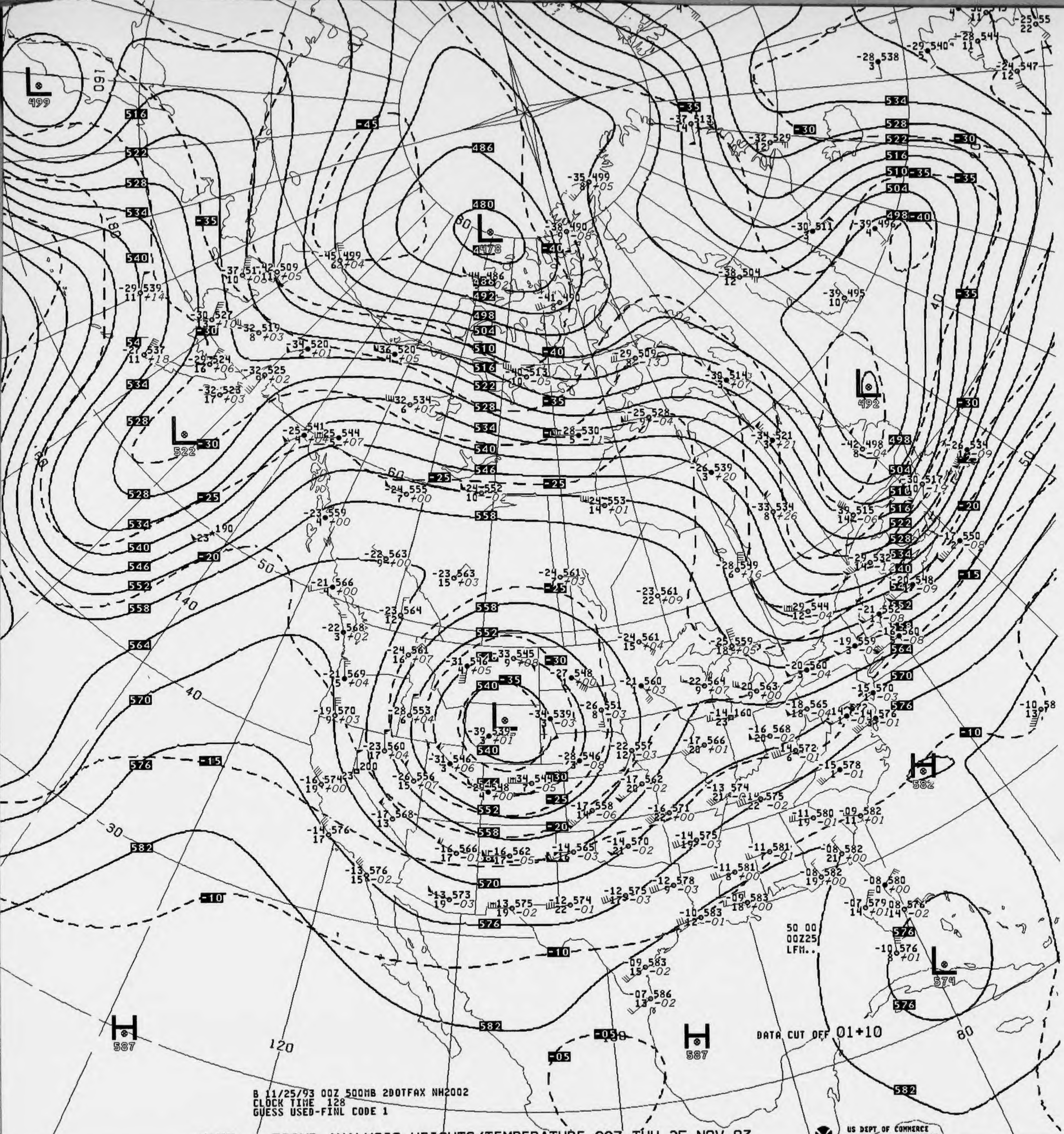
12Z24
LFM..

B 11/24/93 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1336
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 24 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 11/25/93 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 128
GUESS USED-FINL CODE 1
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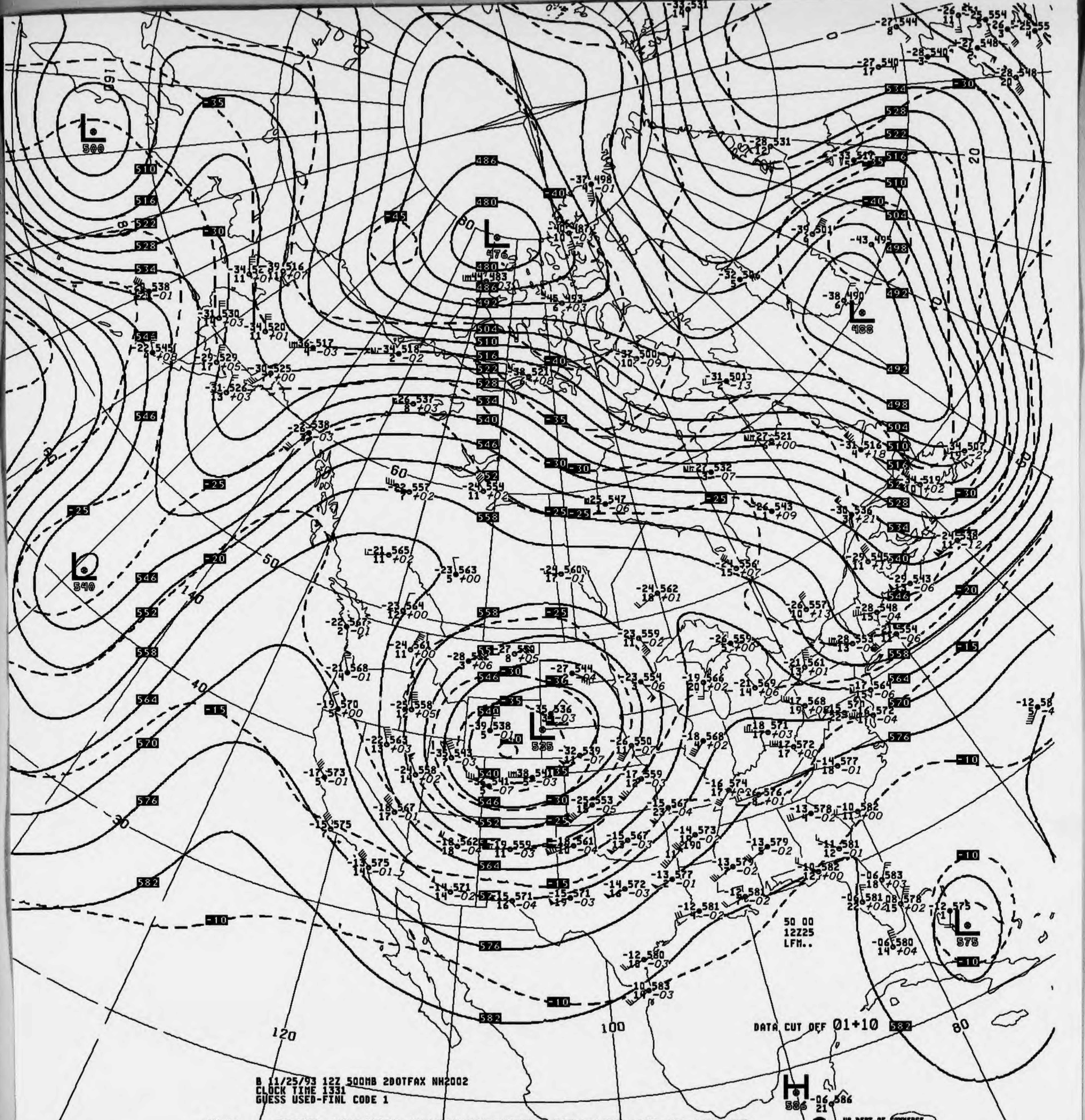
00Z25
LFM..
DATA CUT OFF 01+10
L 499
L 478
L 522
L 492
L 539
L 574
H 587
H 587
H 582
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 25 NOV 93


B 11/25/93 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1331
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
50 00
12Z25
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120
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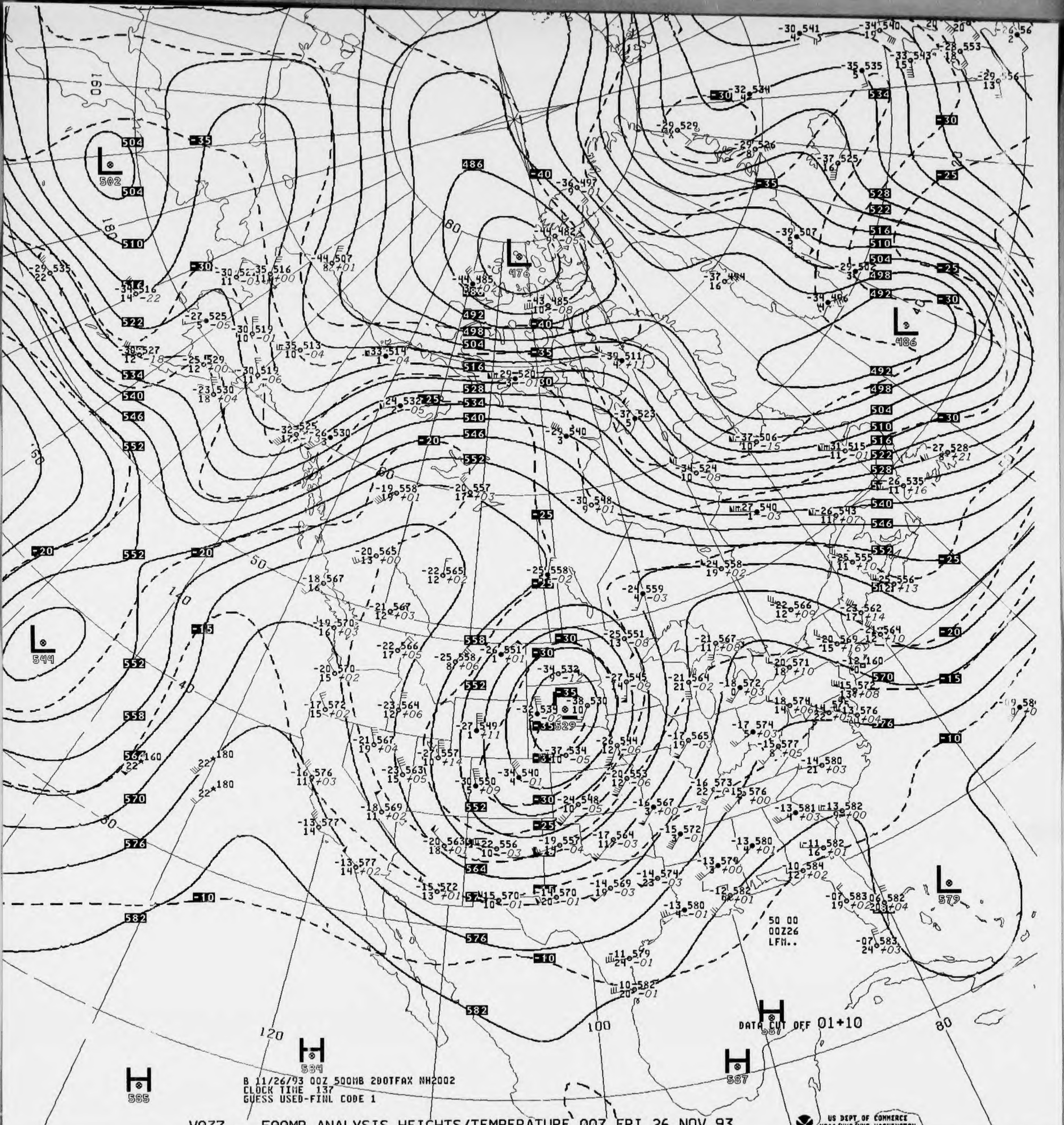
80

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 25 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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00Z26
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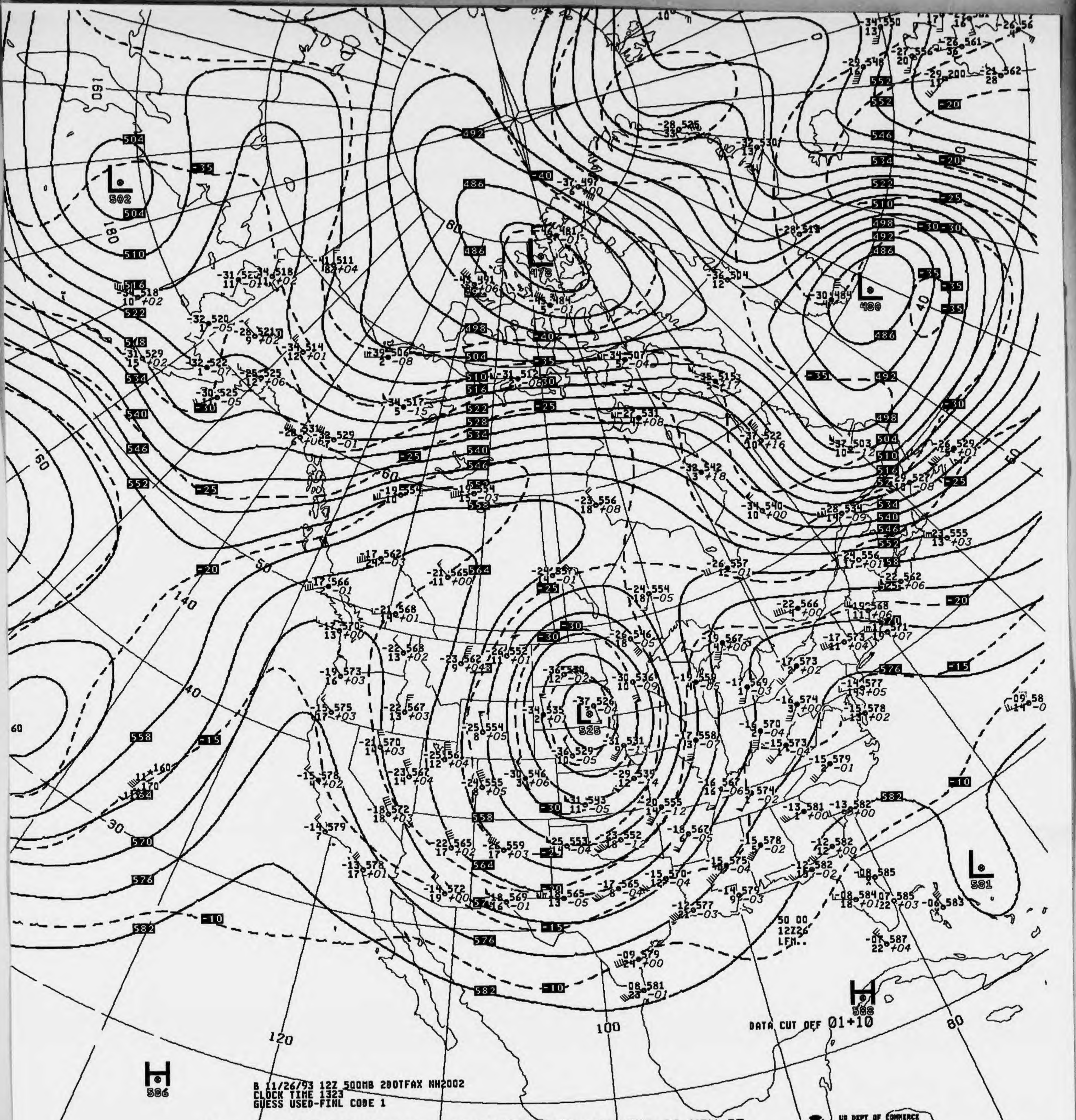
502
476
486
544
579
585
584
587
587

B 11/26/93 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 137
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 26 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
502
L
478
L
480
L
525
L
581
H
588
H
586
160
180
80
60
50
140
40
30
120
100
80
504
510
516
522
528
534
540
546
552
558
564
570
576
582
-40
-35
-30
-25
-20
-15
-10

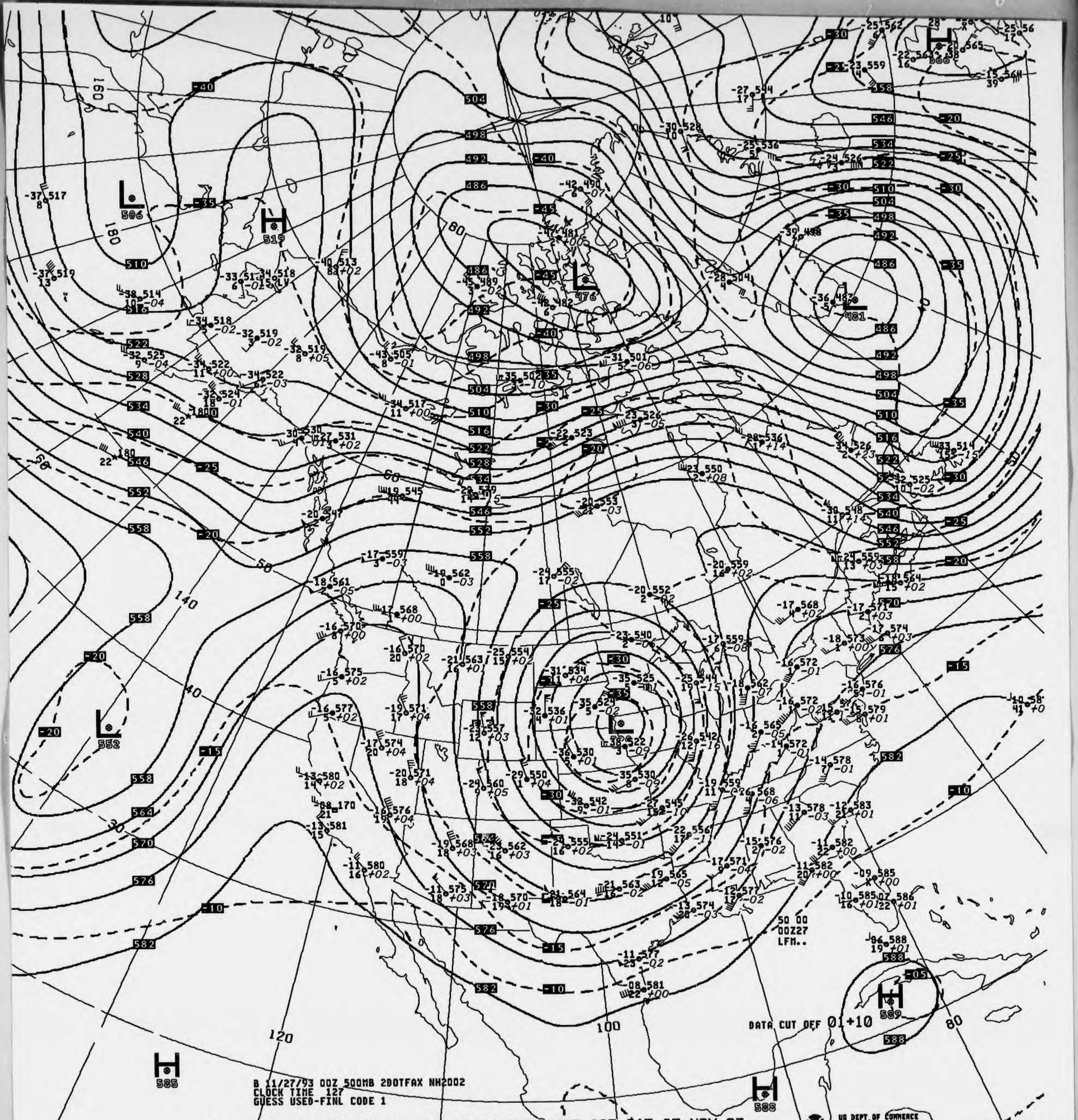
50 00
12Z26
LFM..

DATA CUT OFF 01+10

B 11/26/93 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1323
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 26 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 506
H 519
L 476
L 481
L 552
H 585
H 588
H 589
H 566
504
498
492
486
510
516
522
528
534
540
546
552
558
564
570
576
582
588
-40
-45
-35
-30
-25
-20
-15
-10
-05
160
180
140
120
100
80
60
50
40
30
50 00
00Z27
LFM..

DATA CUT OFF 01+10

B 11/27/93 00Z 500MB 2DOTFAX NH2002
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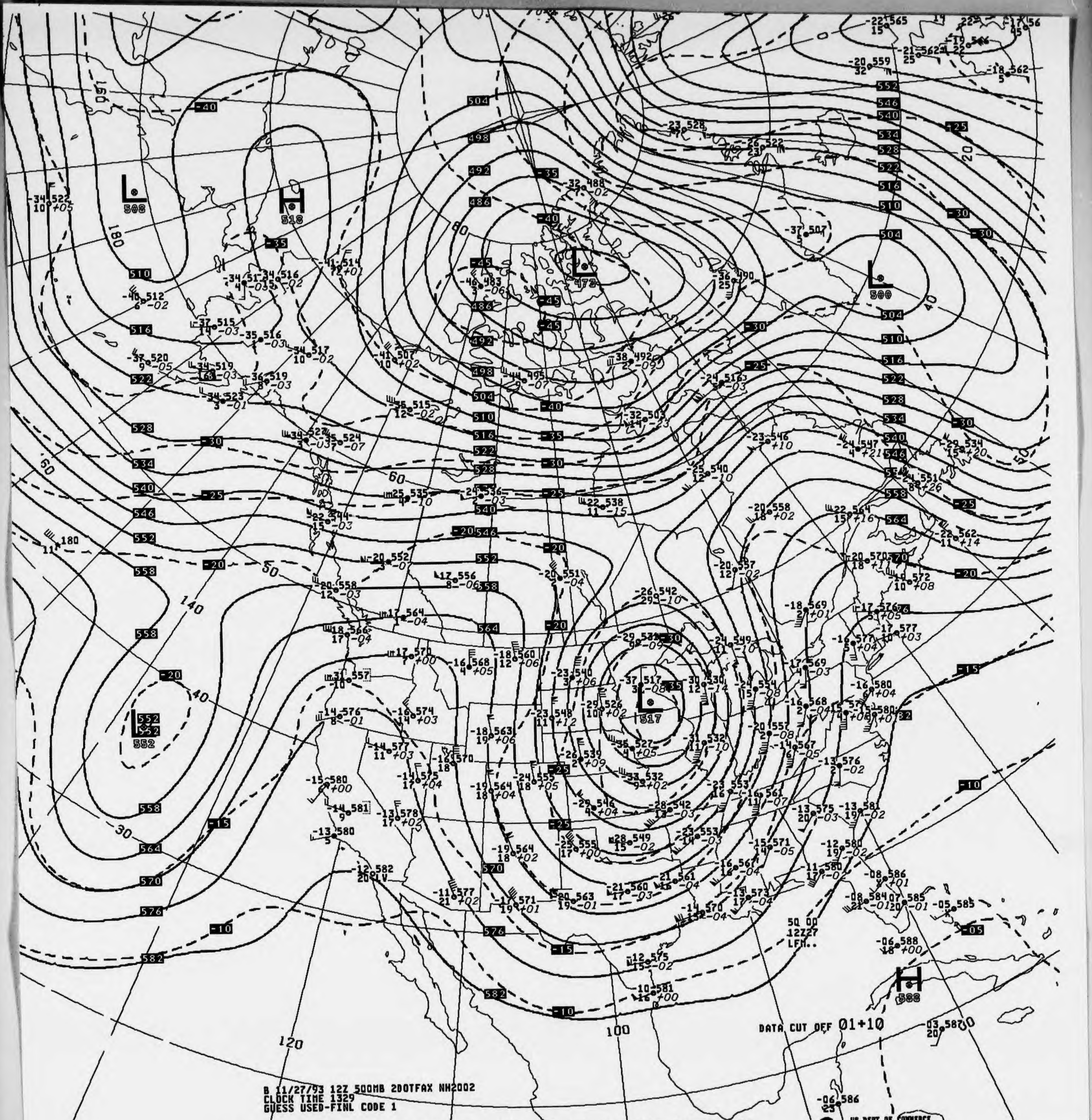
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 27 NOV 93


L 508
H 518
L 472
L 500
L 517
L 552
H 588
DATA CUT OFF 01+10
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12Z27
LFM..
B 11/27/93 12Z 500MB 200TFAX NH2002
CLOCK TIME 1329
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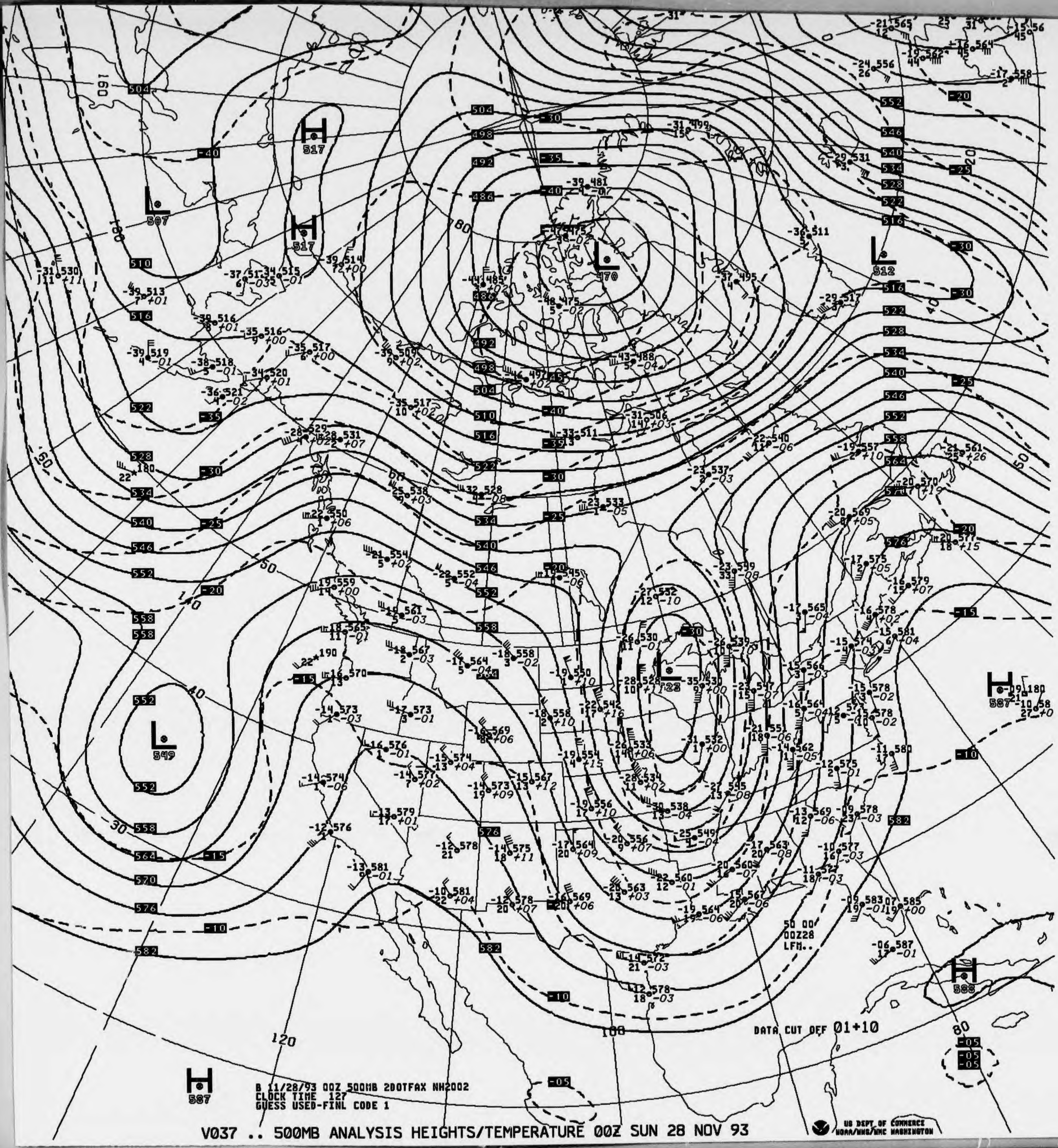
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 27 NOV 93


H 517
L 507
L 470
L 512
L 528
L 549
H 587
H 588
50 00
00Z28
LFM..
DATA CUT OFF 01+10
B 11/28/93 00Z 500MB 2D0TFAX NH2002
CLOCK TIME 127
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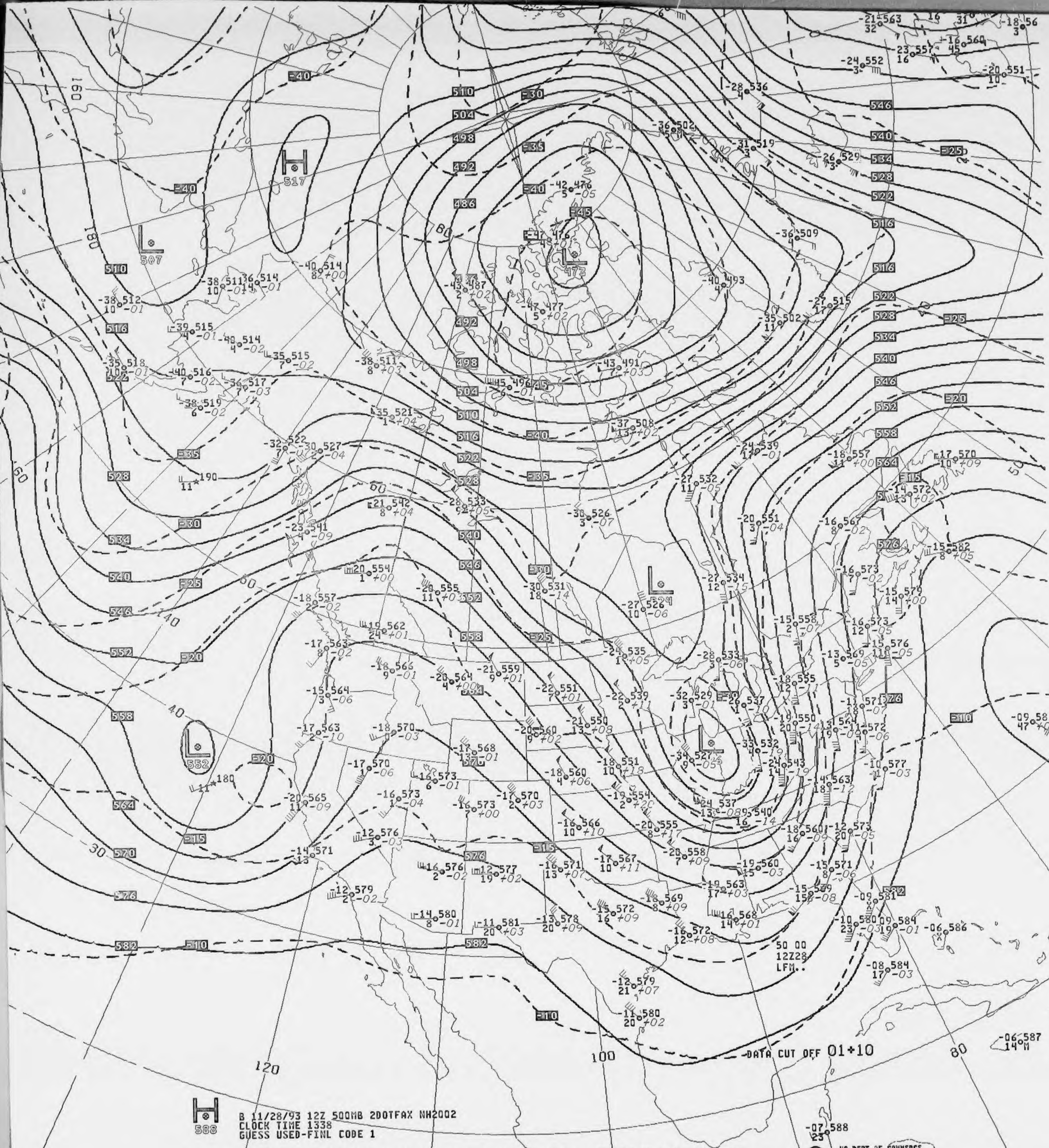
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 28 NOV 93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100
80
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50
40
30

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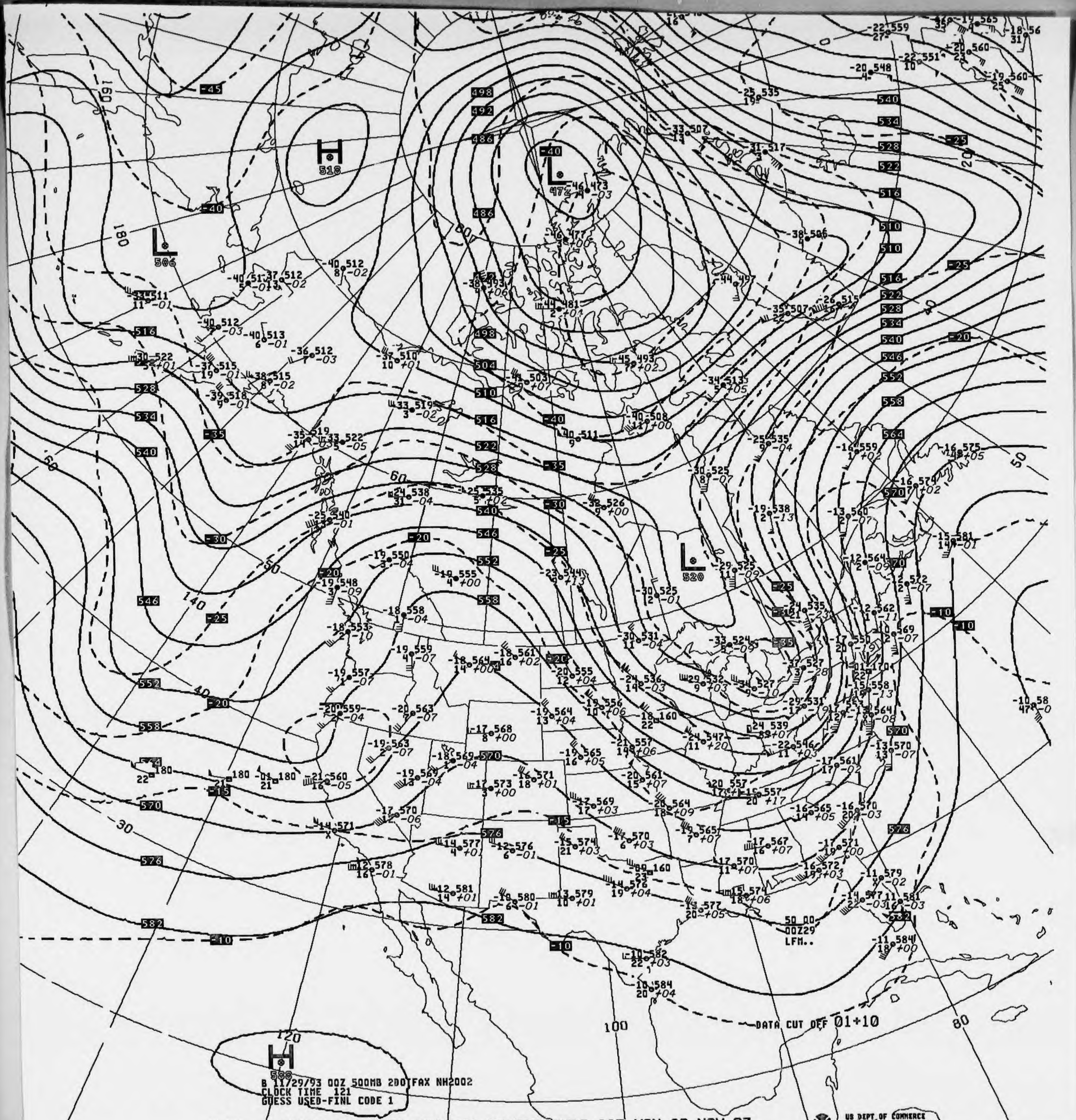
CLOCK TIME 1338
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 28 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 518
L 506
L 472
L 520
H 588
DATA CUT OFF 01+10
50 00
00Z29
LFM..
B 11/29/93 00Z 500MB 200TFAX NH2002
CLOCK TIME 121
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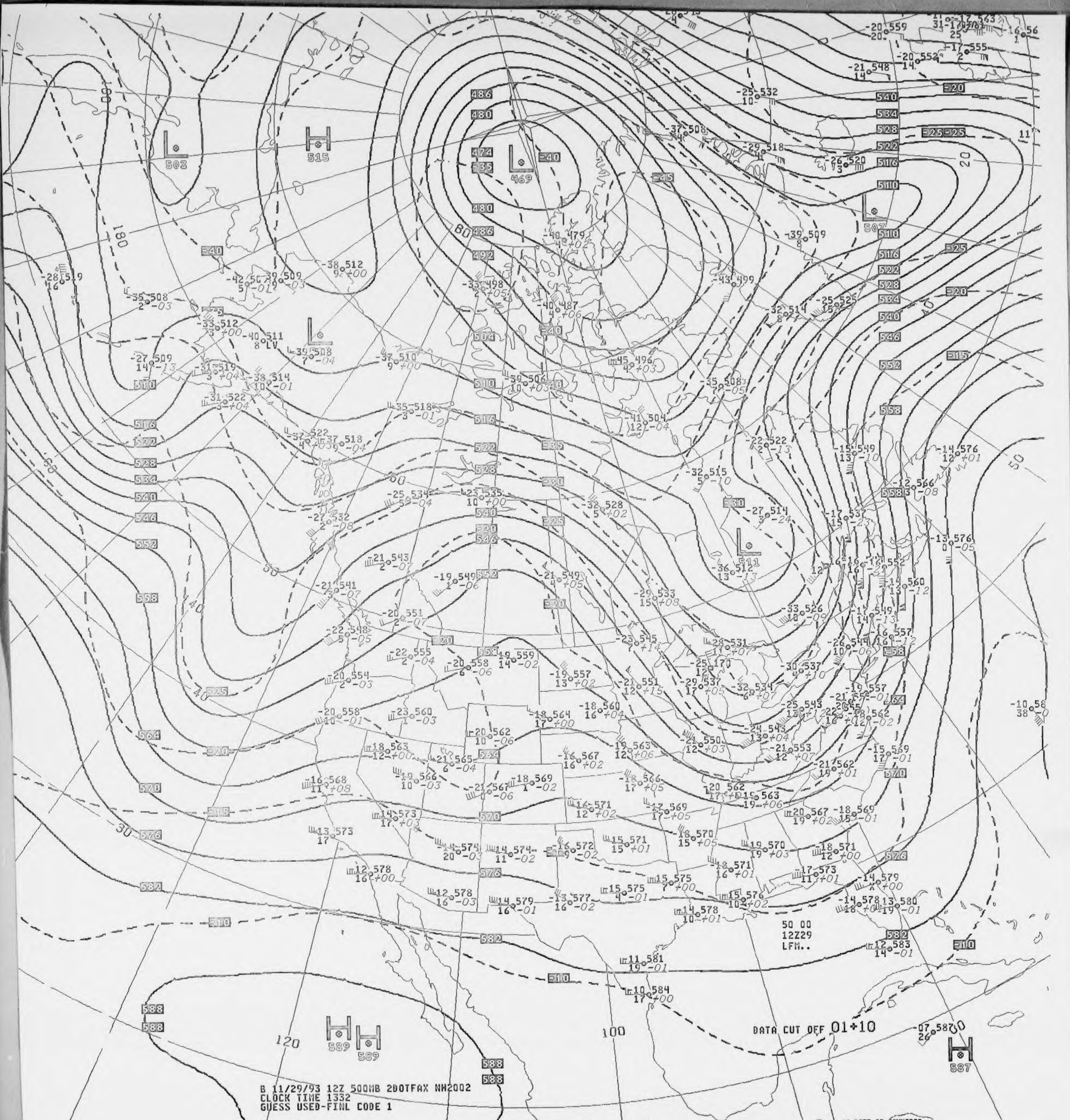
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 29 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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DATA CUT OFF 01+10
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12Z29
LFM..
L 503
H 515
L 469
L 507
L 511
H 589
H 589
H 587
180
120
100
80
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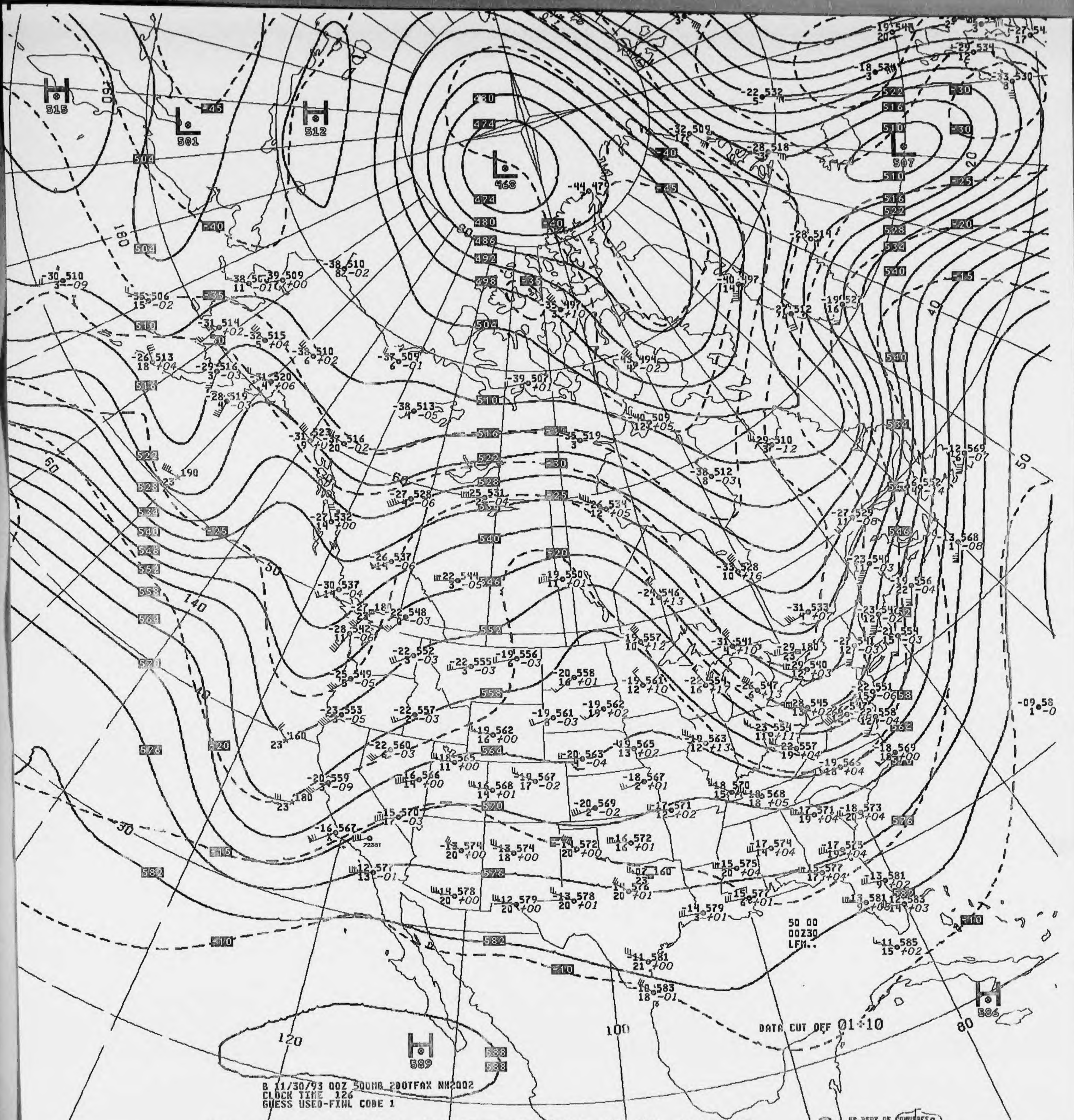
V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 29 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

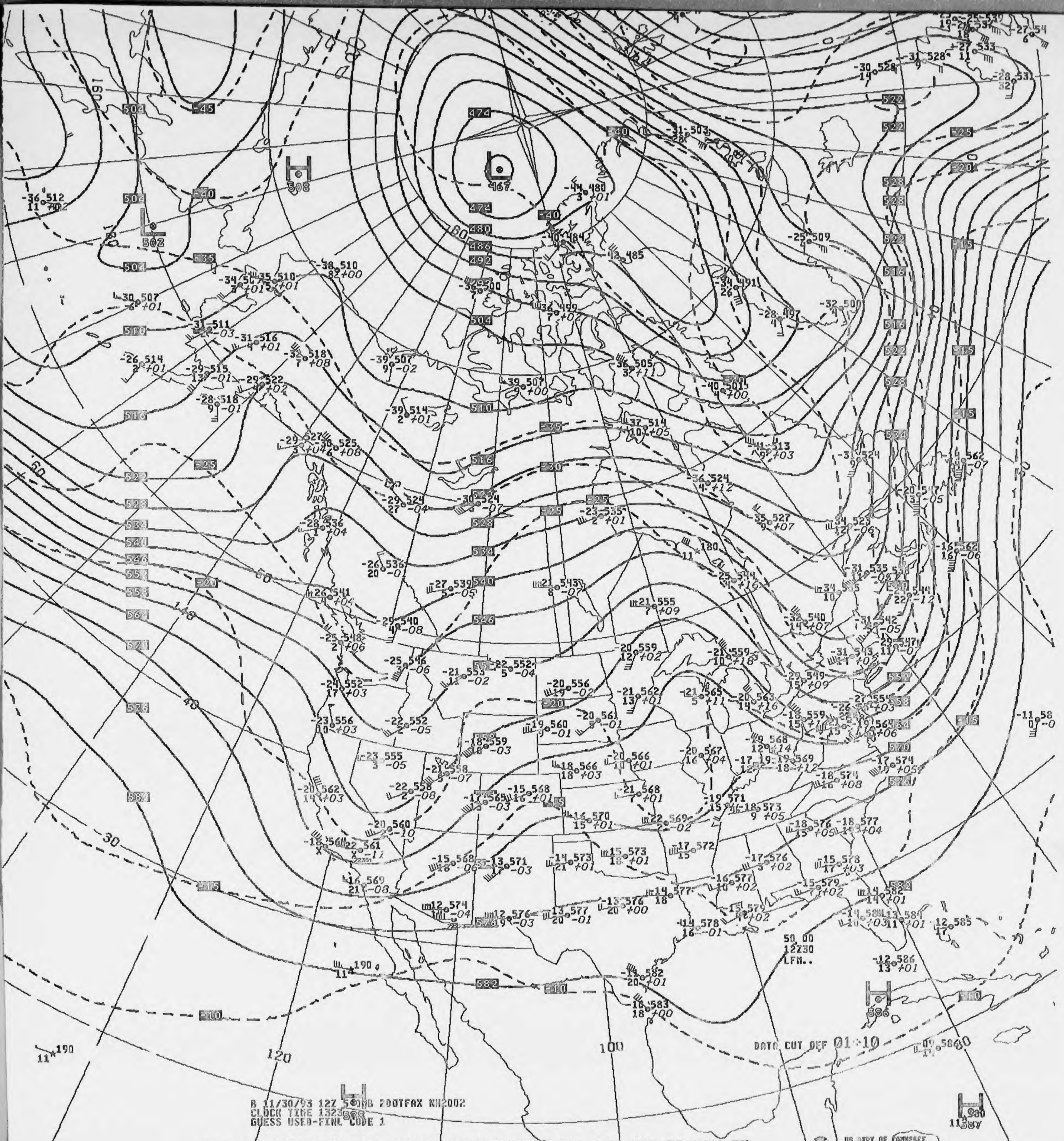

H 515
L 501
H 512
L 468
L 507
H 589
H 586
50 00
00Z30
LFM..
180
160
140
120
100
80
60
50
40
30
20
10

B 11/30/93 00Z 500MB 200TFAX NH2002
CLOCK TIME 126
GUESS USED-FINL CODE 1

DATA CUT OFF 01+10

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 30 NOV 93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DATA CUT OFF 01+10
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12Z30
LFM..
L
467
H
508
L
502
H
586
H
588
H
587
474
480
486
492
504
510
516
522
528
534
540
546
552
558
564
570
576
582
-45
-40
-35
-30
-25
-20
-15
-10
120
100
80
60
40
30
160
140

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 30 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

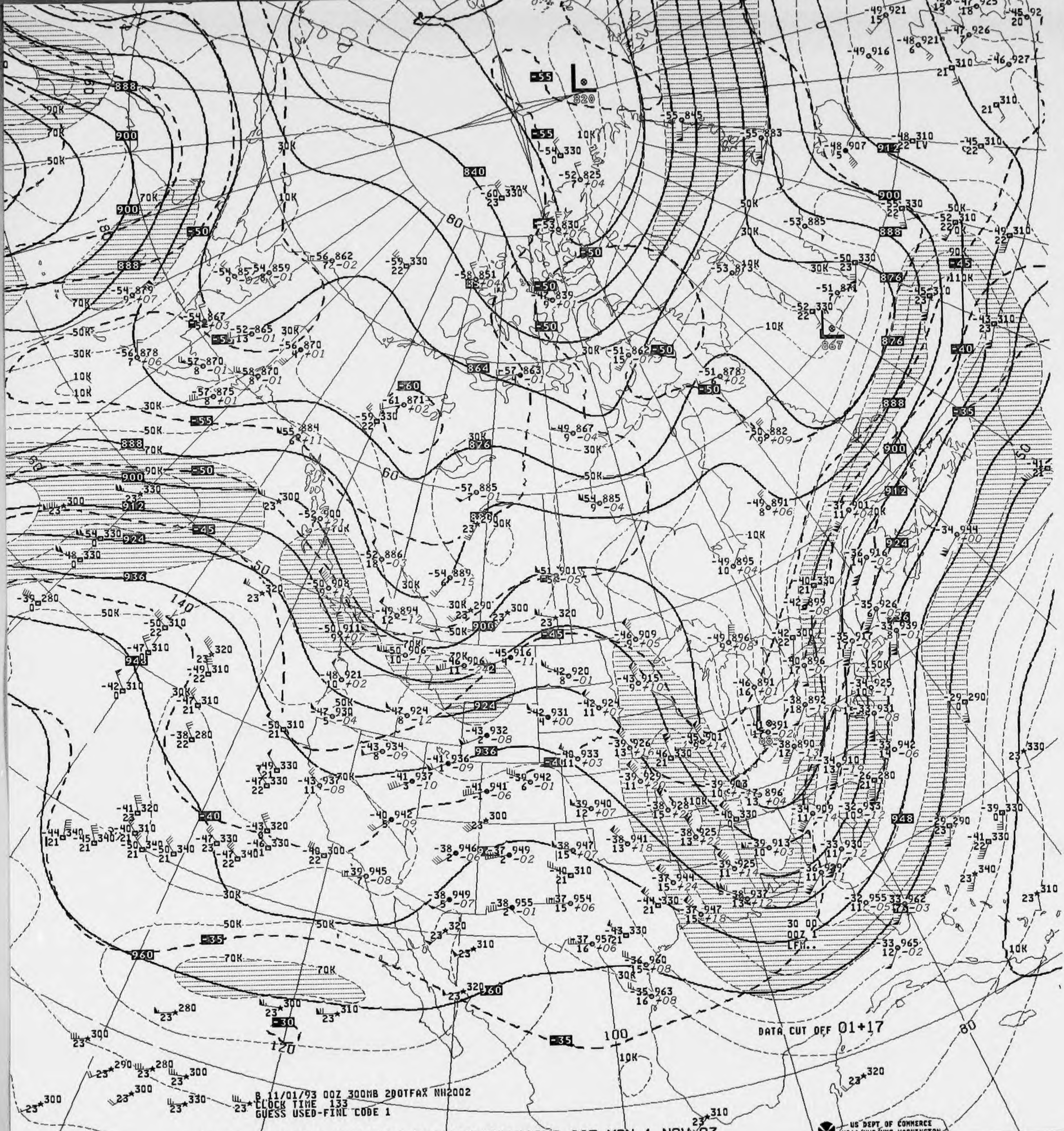
A Form 48 - 363A
8 - 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

300 MB CONSTANT PRESSURE CHARTS

NORTH AMERICAN NMC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING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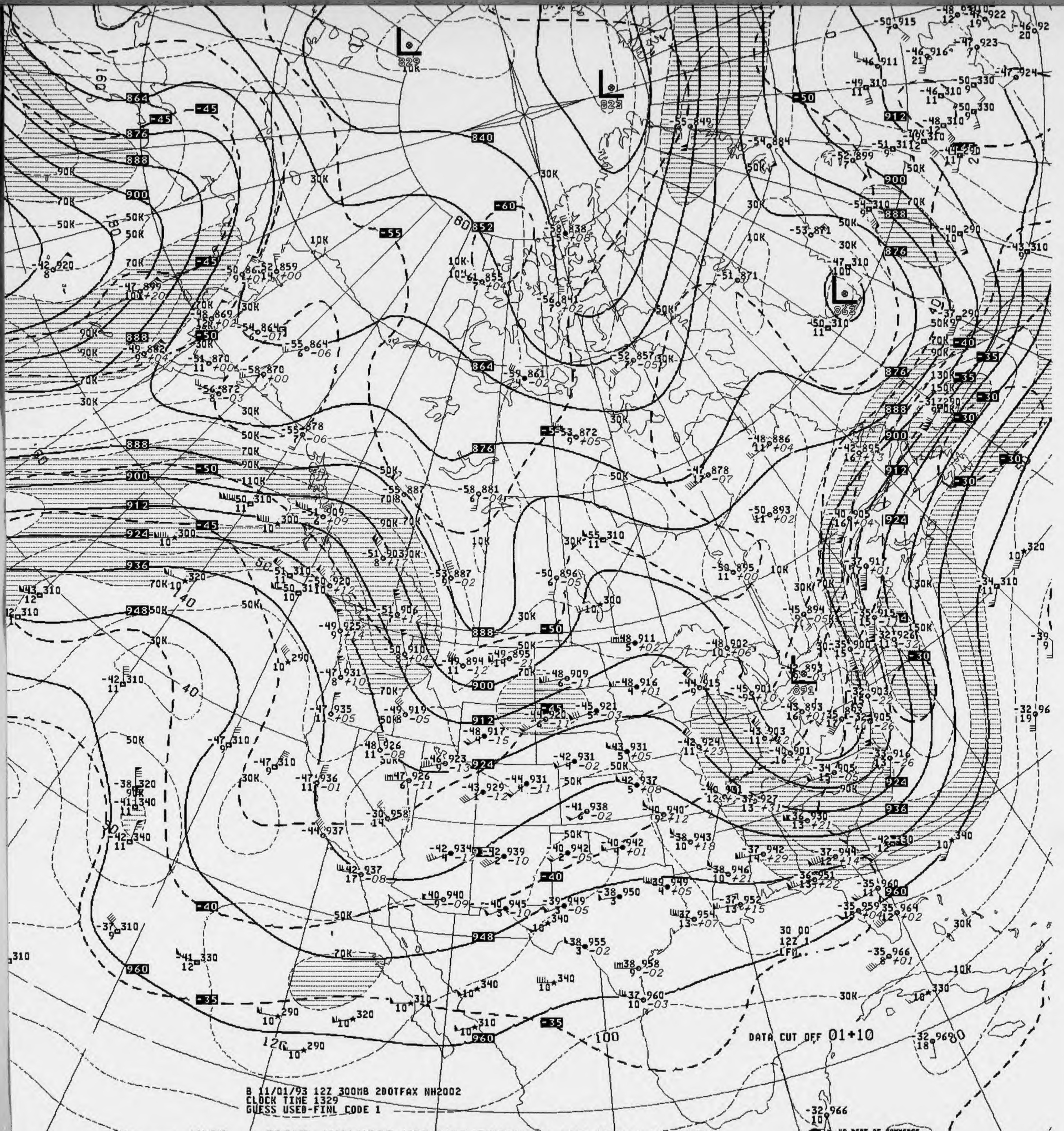
CLOCK TIME 133
GUESS USED-FINL CODE 1
DATA CUT OFF 01+17
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 1 NOV 93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CLOCK TIME 1329
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LFM
L
829
L
823
L
863
864
876
888
900
912
924
936
948
960
840
852
-45
-50
-55
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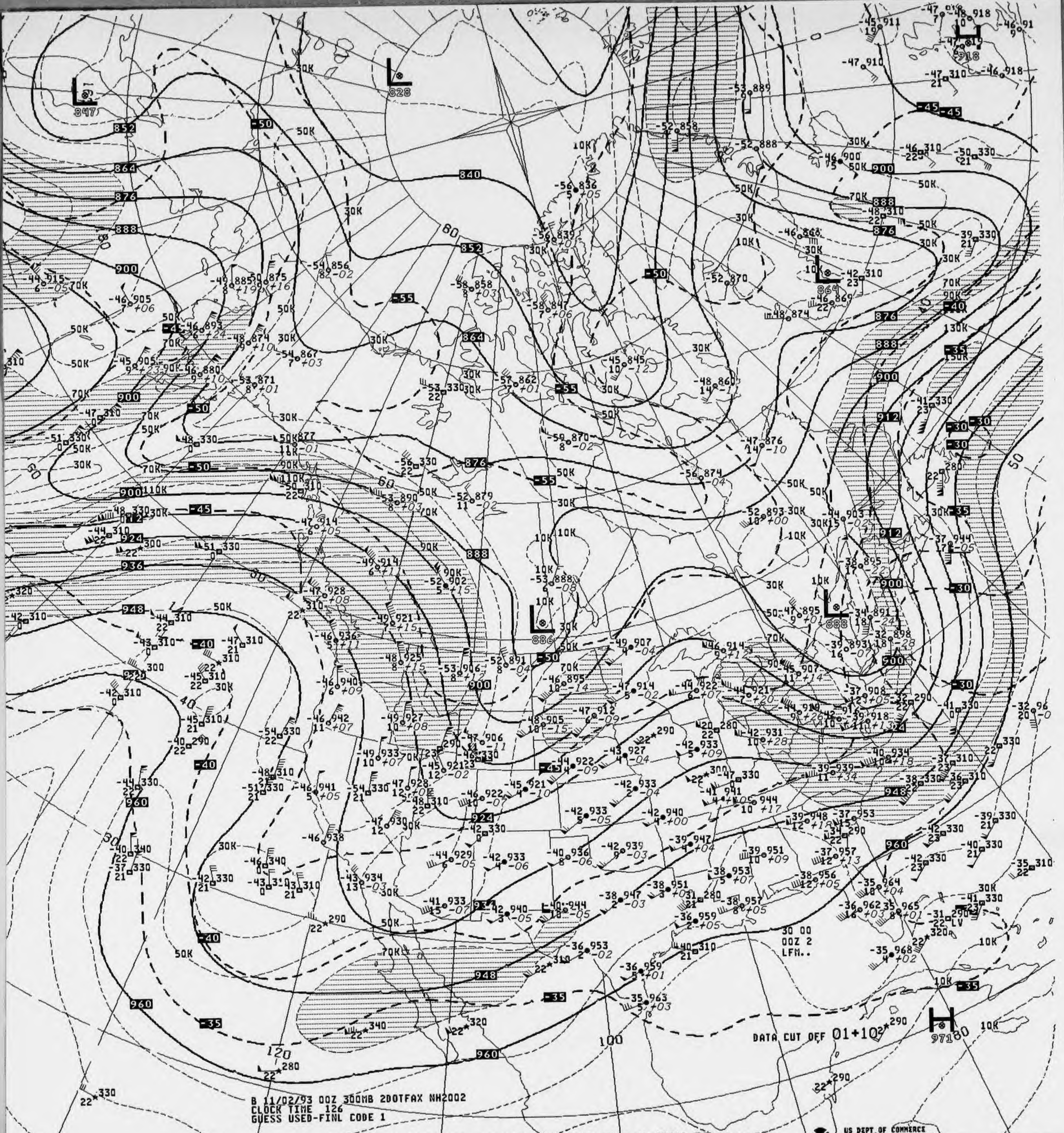
-35
-30

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 1 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

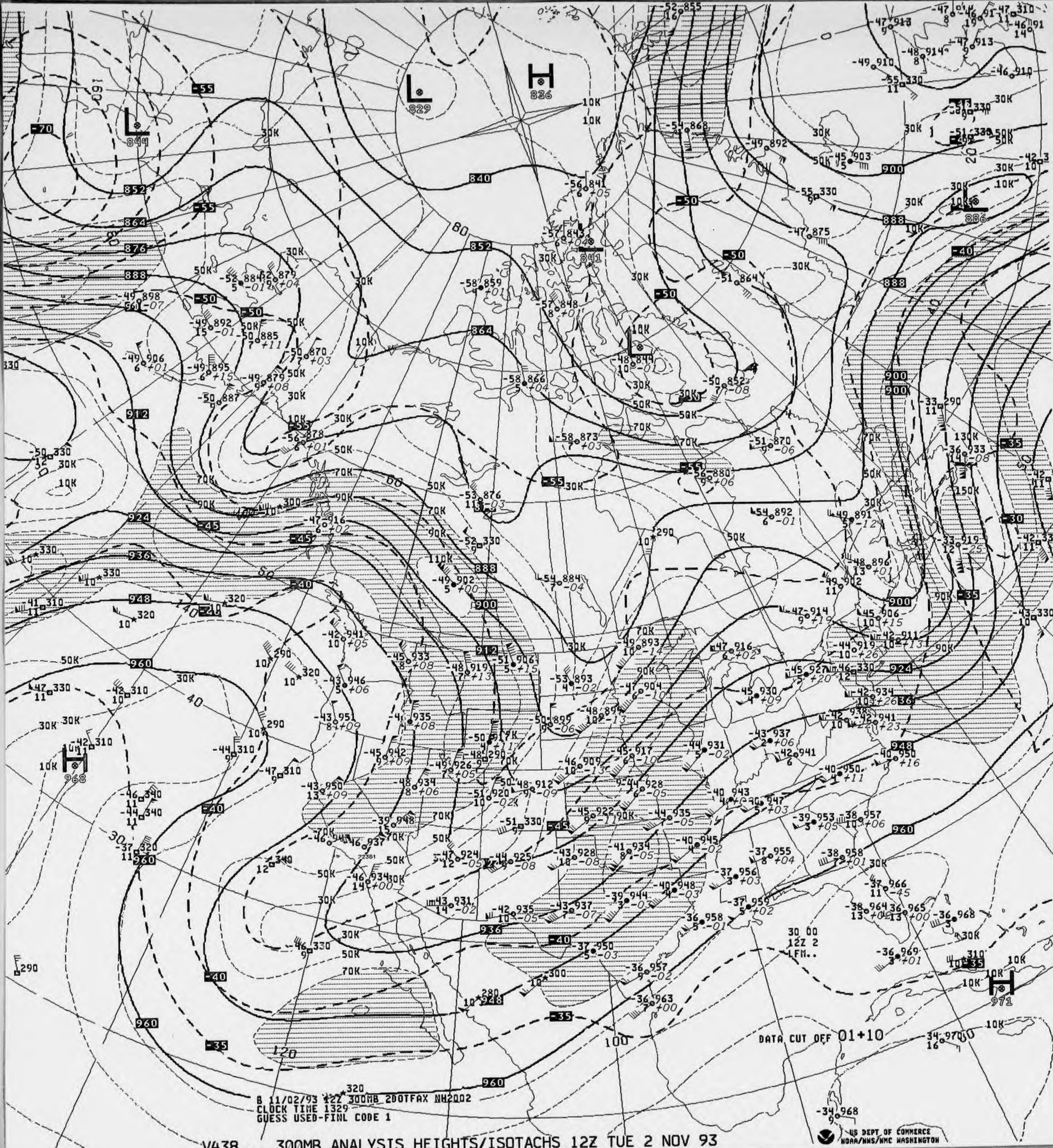


852
864
876
888
900
840
L
847
L
828
L
864
L
886
L
888
H
971
DATA CUT OFF 01+10
30 00
00Z 2
LFM..

B 11/02/93 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 126
GUESS USED-FINL CODE 1

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 2 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 1329
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DATA CUT OFF 01+10
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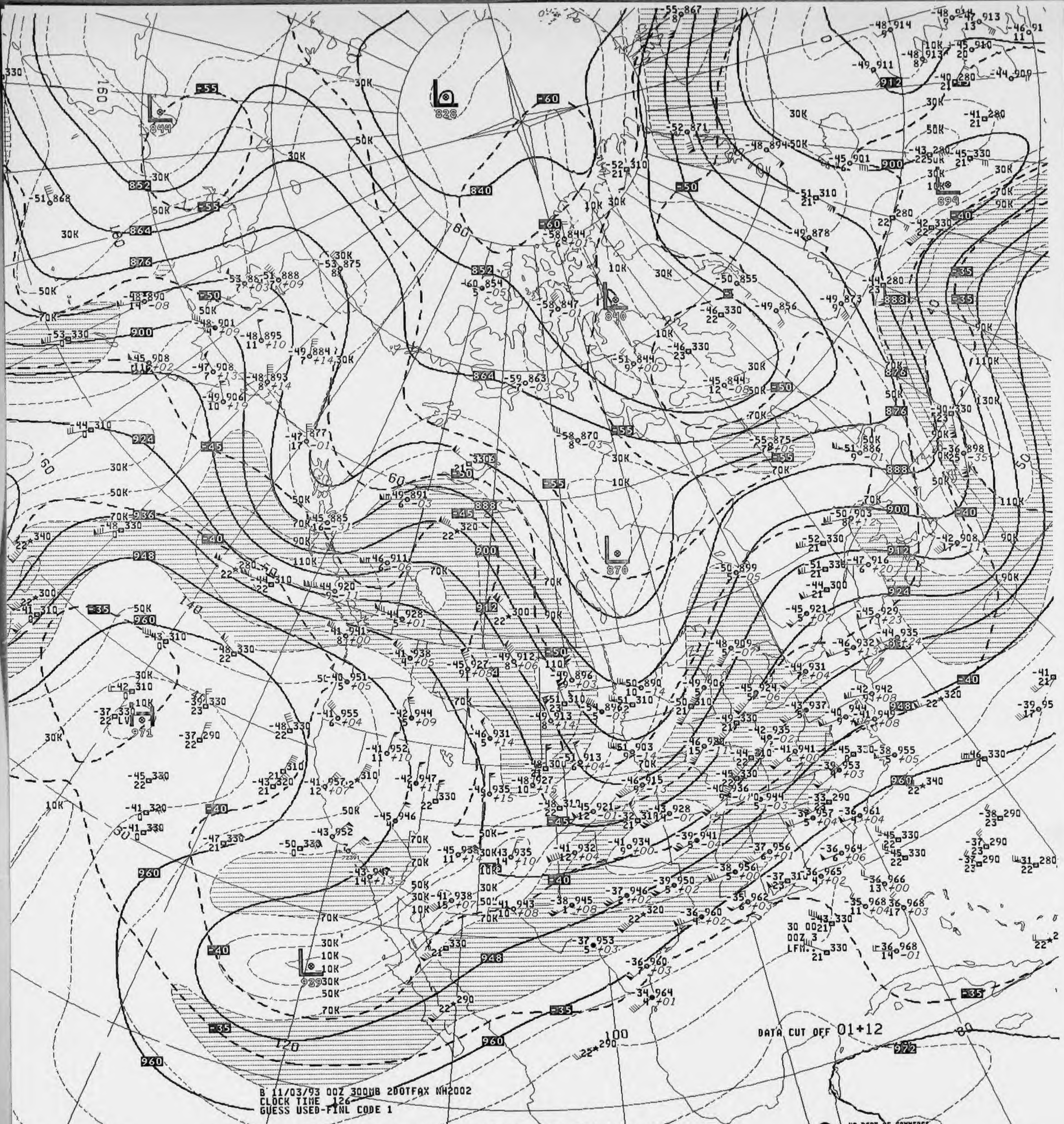
12Z 2
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
L
829
H
836
L
844
H
841
L
849
H
968
H
886
H
971

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 2 NOV 93

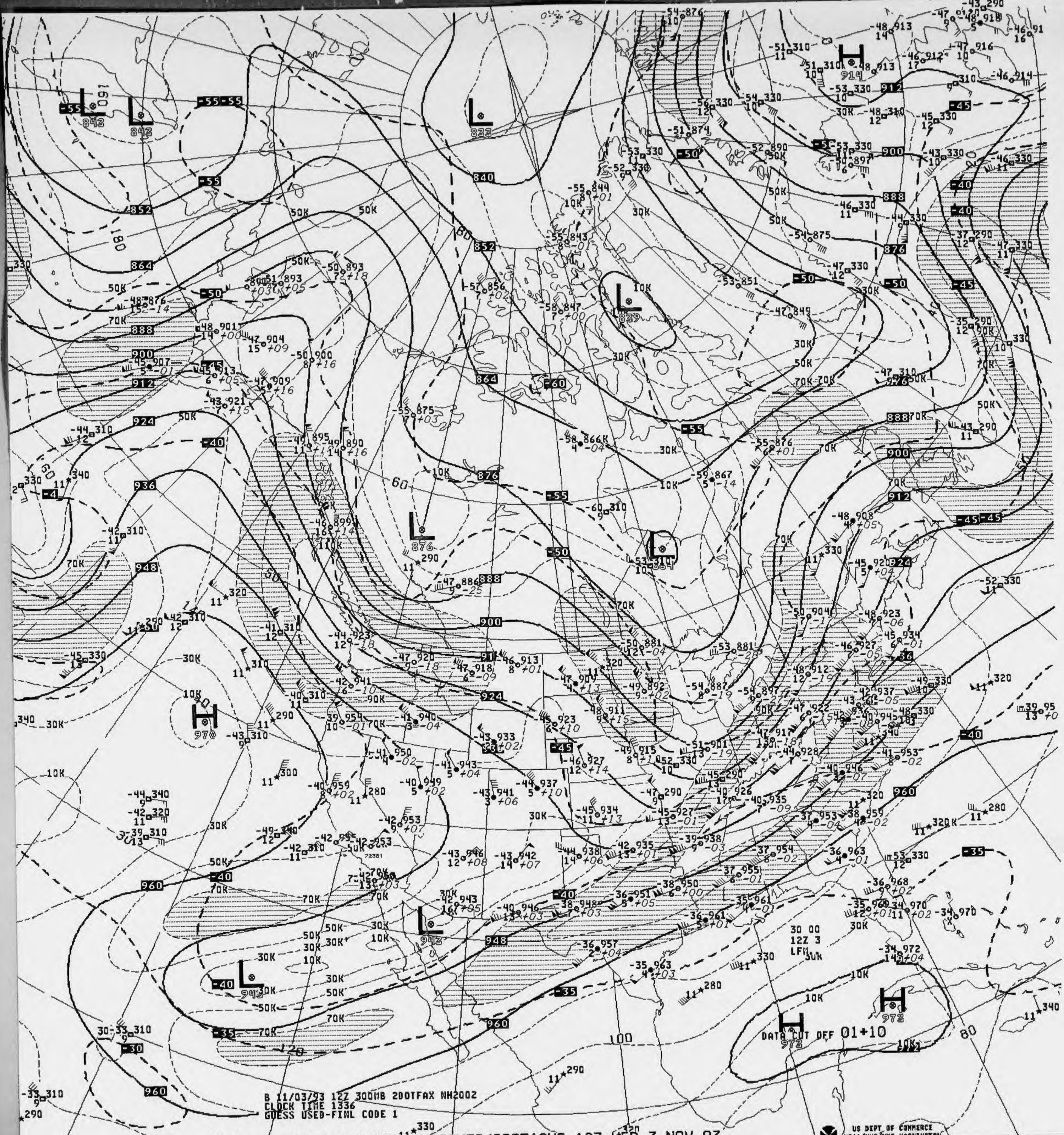


30K
50K
70K
90K
110K
130K
828
840
870
939
971
DATA CUT OFF 01+12

B 11/03/93 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 126
GUESS USED-FINL CODE 1

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

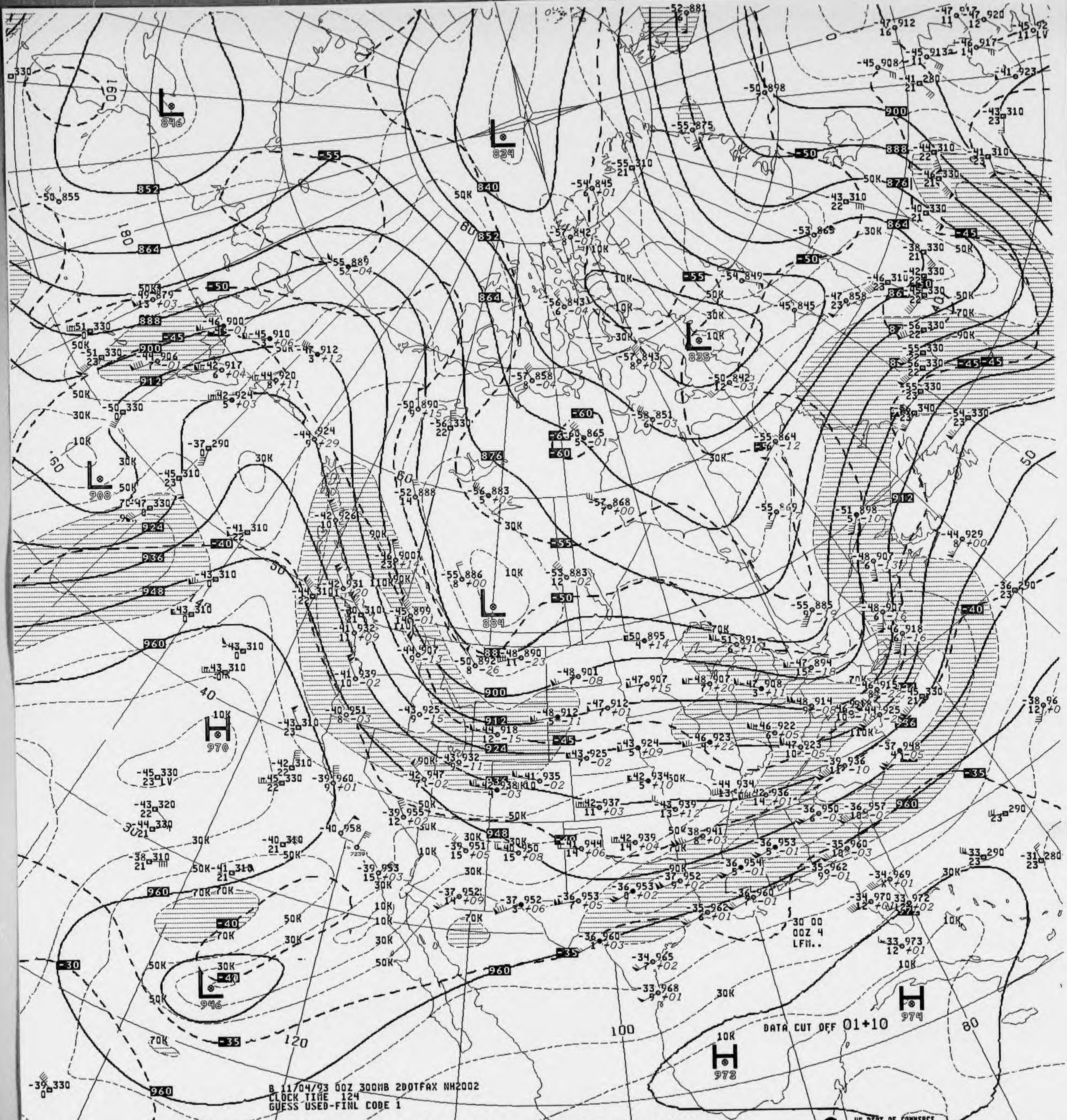
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 3 NOV 93


L 843
L 843
L 833
H 914
L 839
L 876
L 864
H 970
L 943
L 943
H 973
H 973
840
852
864
876
888
900
912
924
936
948
960
-55
-50
-45
-40
-35
-30
-60
50K
70K
30K
10K
90K
100
120
80
60
180
DATA CUT OFF 01+10
30 00
12Z 3
LFM
72381

B 11/03/93 12Z 300MB 200TFAX NH2002
CLOCK TIME 1336
GUESS USED-FINL CODE 1

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 3 NOV 93


B 11/04/93 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 124
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
30 00
00Z 4
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
L 846
L 834
L 835
L 908
L 884
L 946
H 970
H 973
H 974
840
852
864
876
888
900
912
924
936
948
960
-30
-35
-40
-45
-50
-55
-60
10K
30K
50K
70K
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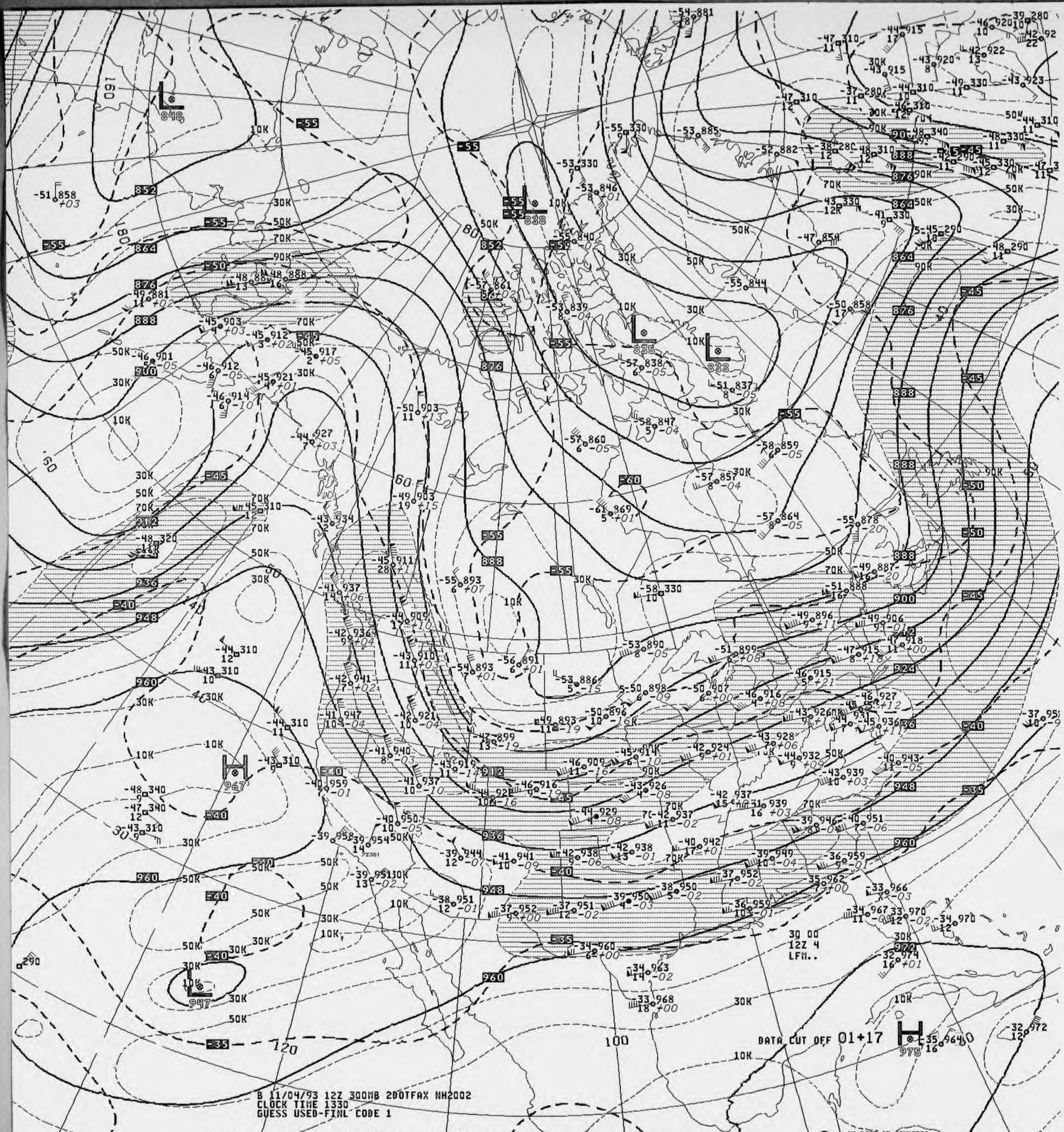
110K
60
80
100
120
140
160
180

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 4 NOV 93


B 11/04/93 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1330
GUESS USED-FINL CODE 1
DATA CUT OFF 01+17
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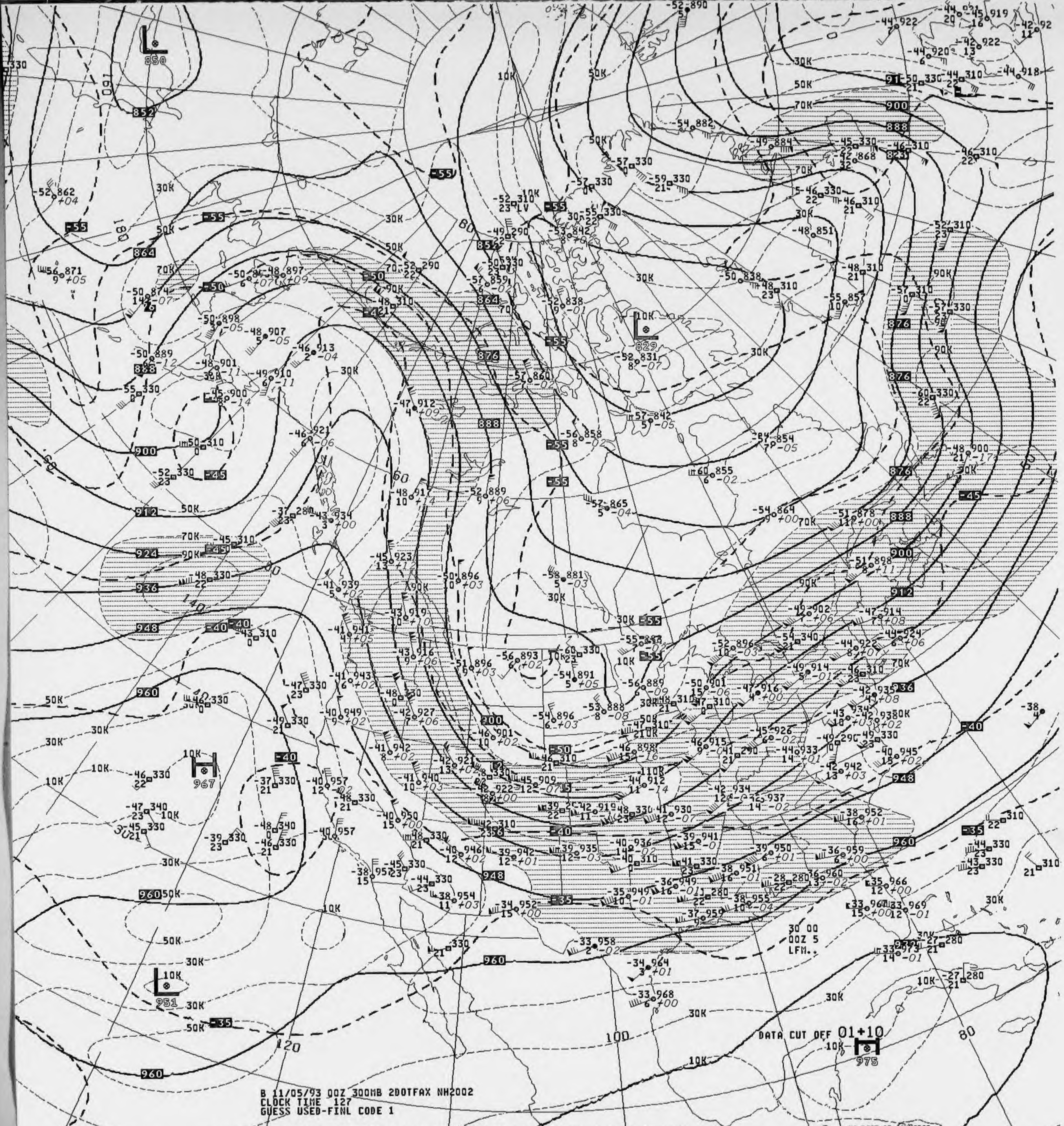
12Z 4
LFM..

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 4 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+10
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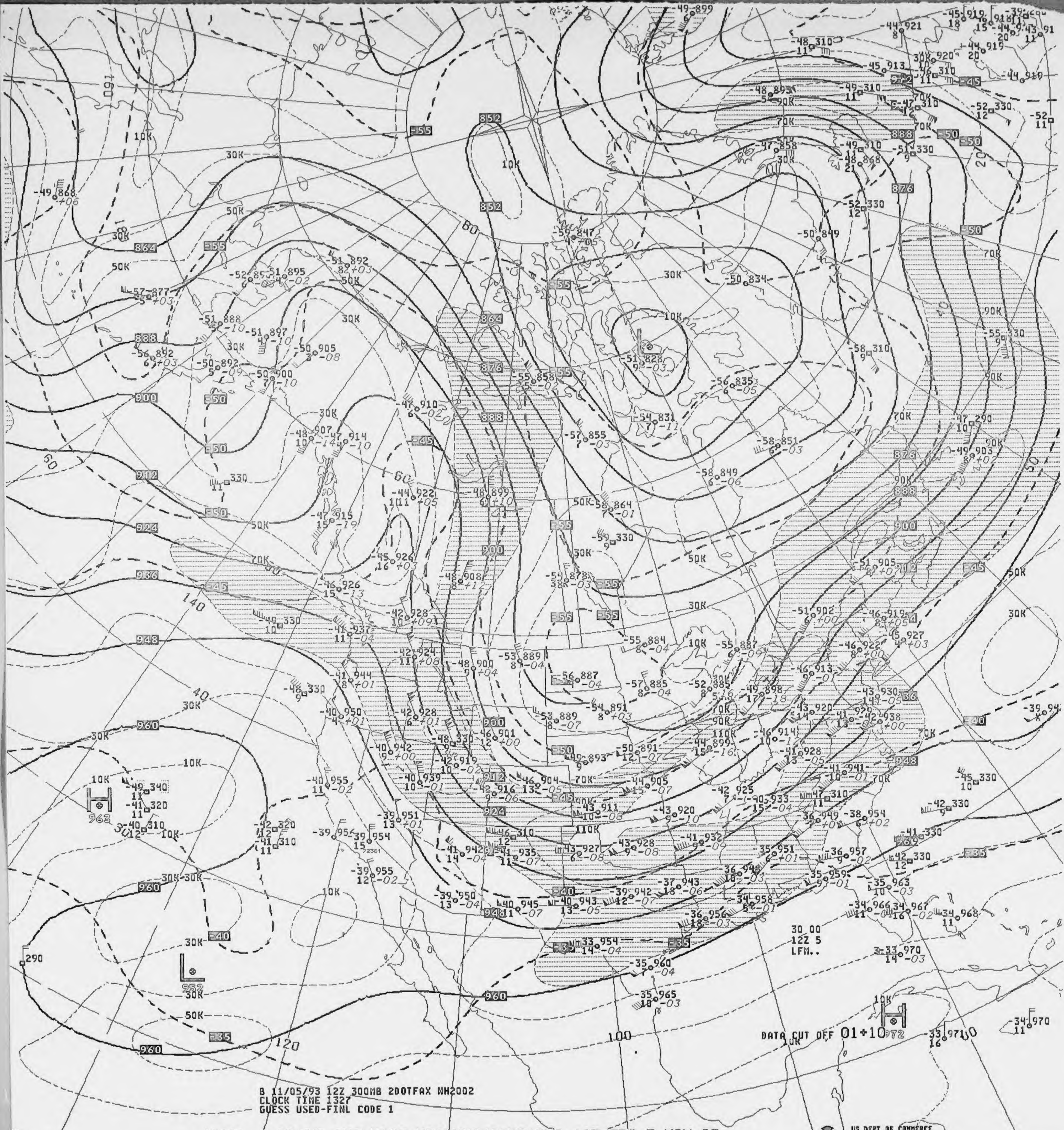
00Z 5
LFM..
850
829
967
951
975
852
864
876
888
900
912
924
936
948
960
-55
-50
-45
-40
-35
30K
50K
70K
90K
110K
10K
180
160
140
120
100
80
60

B 11/05/93 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 5 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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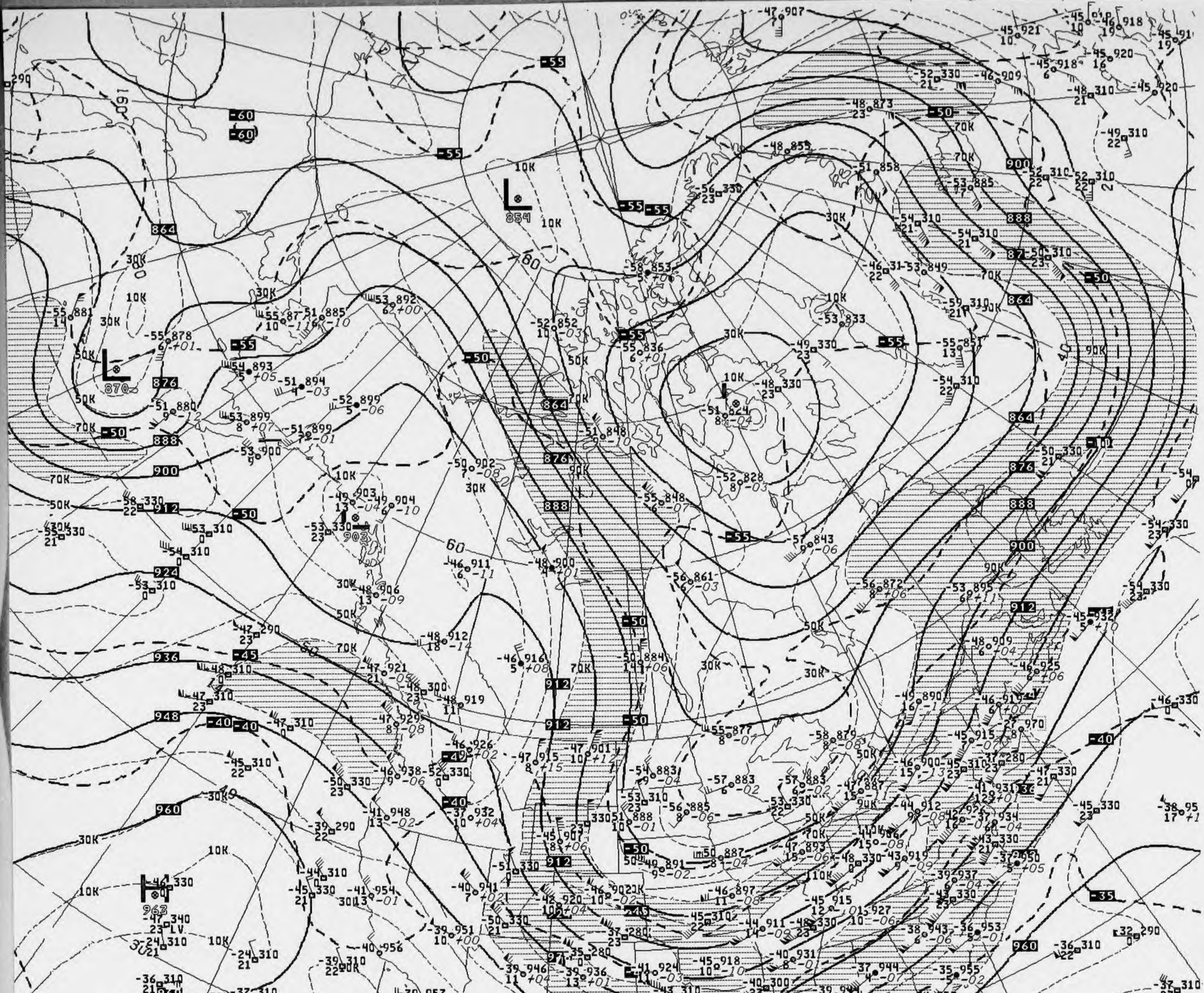
LFM..
DATA CUT OFF 01+10

B 11/05/93 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1327
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 5 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/06/93 00Z 300MB 200TFAX NH2002
CLOCK TIME 131
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
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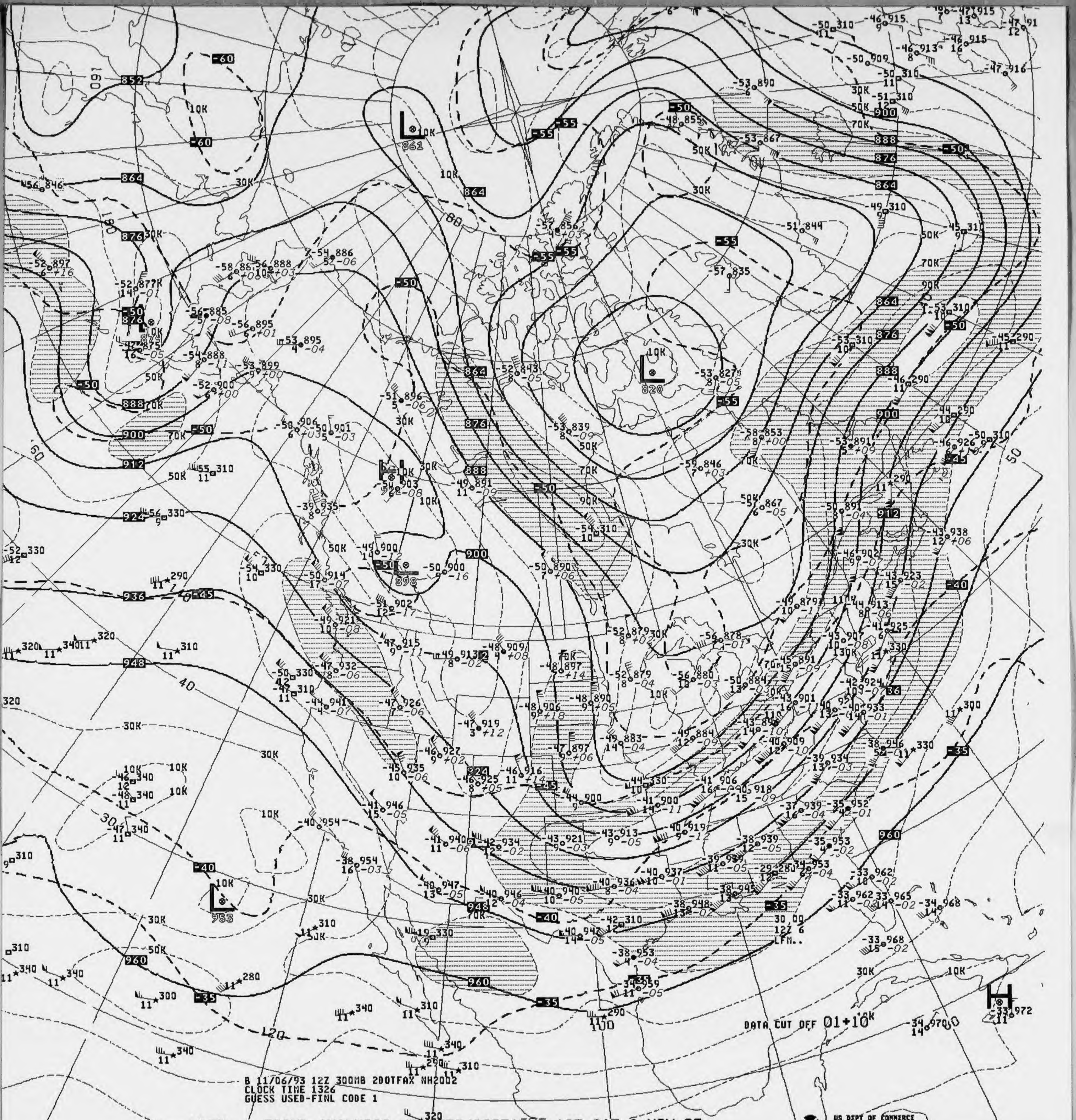
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 6 NOV 93

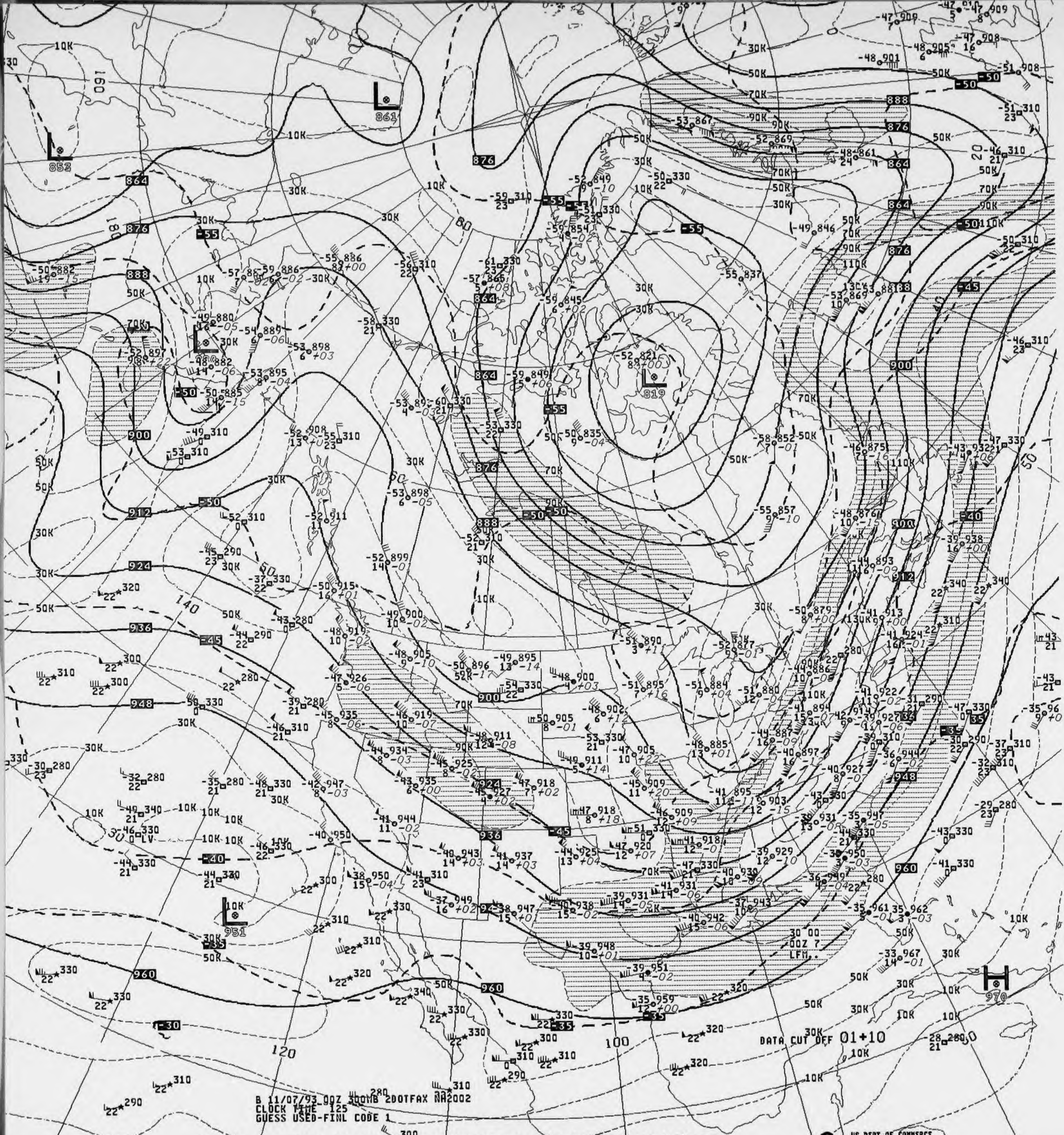
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


852
864
876
888
900
912
924
936
948
960
820
861
898
953
-60
-55
-50
-45
-40
-35
10K
30K
50K
70K
90K
130K
DATA CUT OFF 01+10

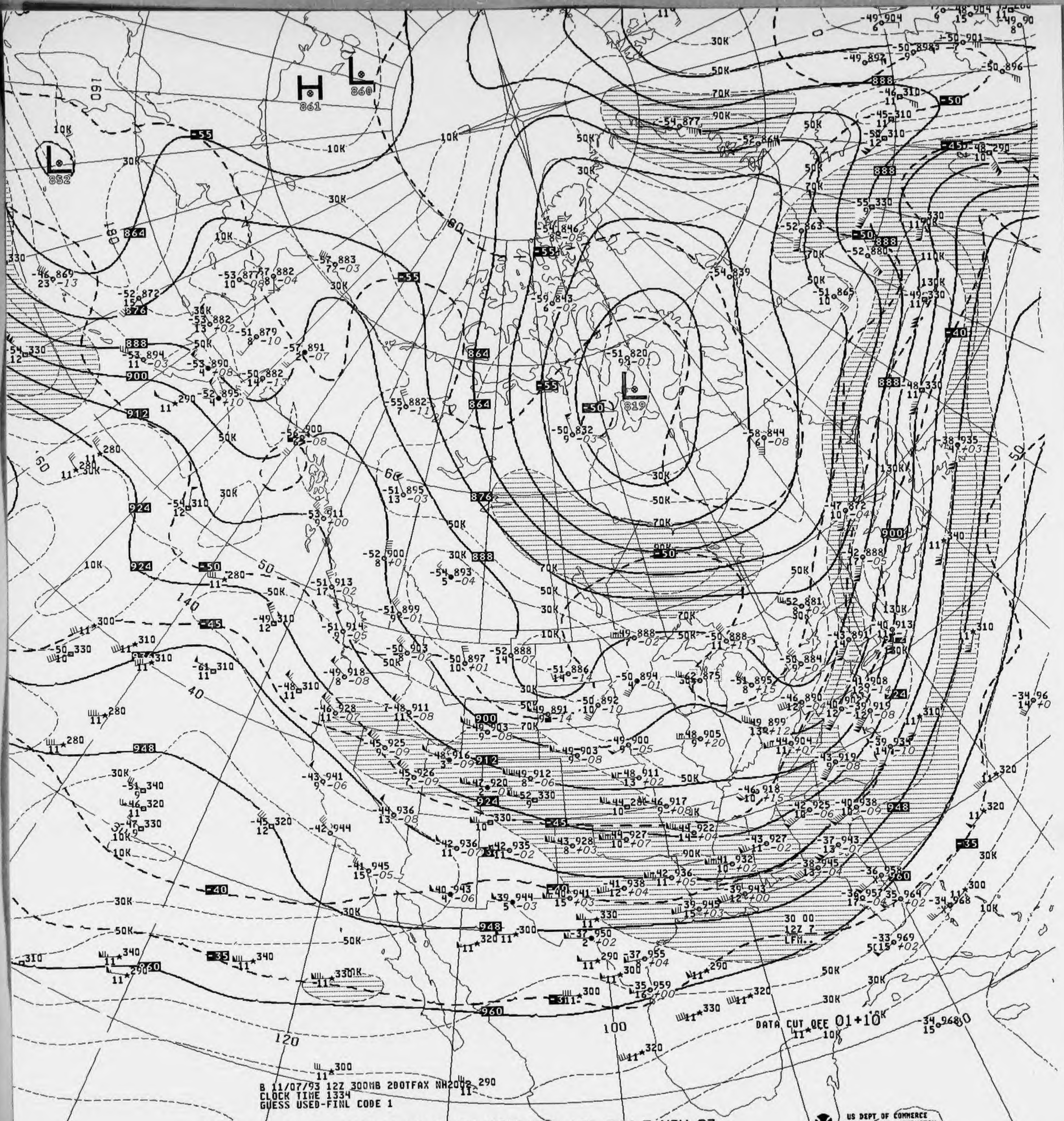
B 11/06/93 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1326
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 6 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

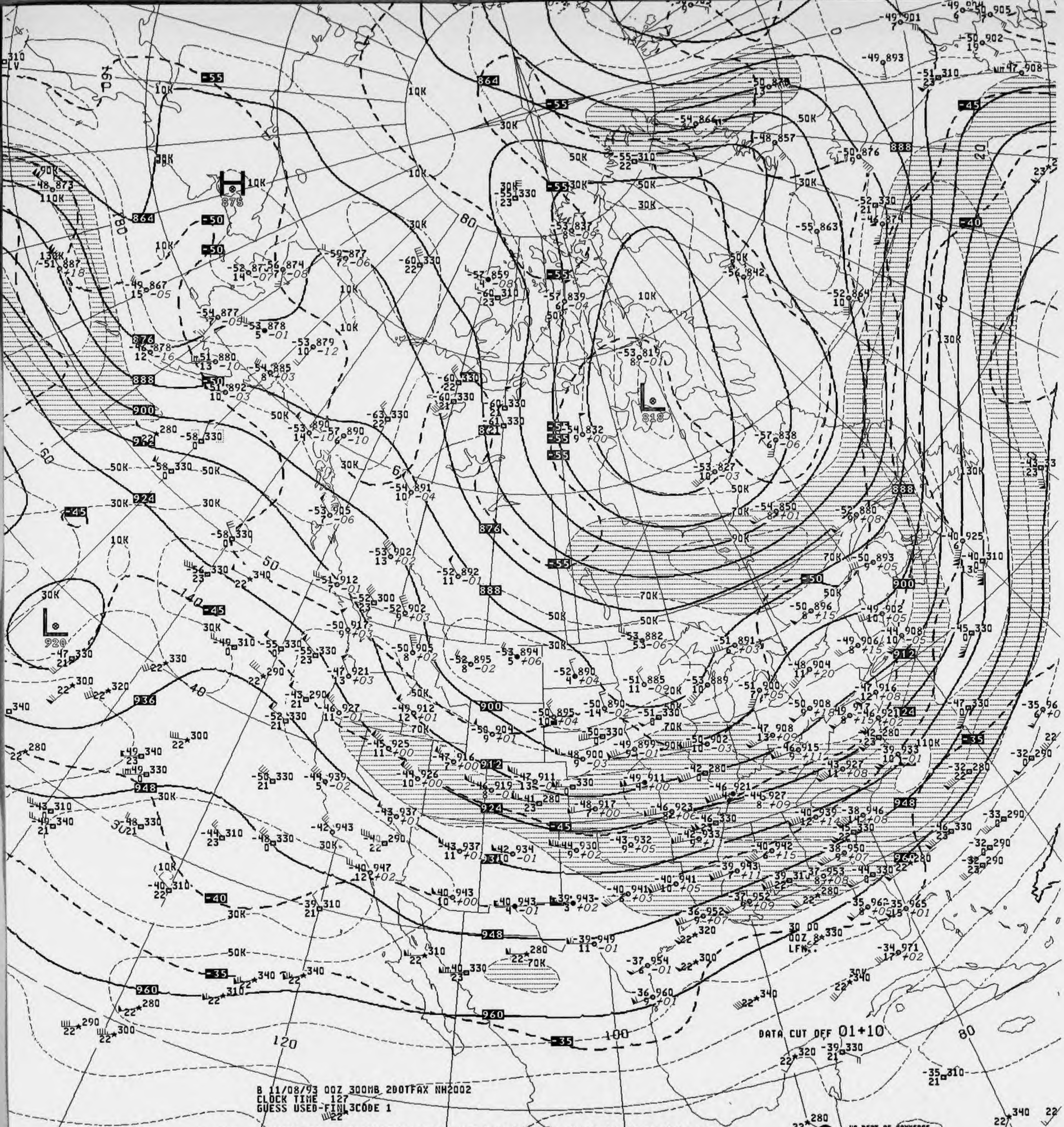

L 861
L 852
L 819
L 951
H 970
DATA CUT OFF 01+10
30 00
00Z 7
LFM..
B 11/07/93 00Z 300MB 2DOTFAX NA2002
CLOCK TIME 125
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 7 NOV 93


H
861
L
860
L
852
L
819
DATA CUT OFF 01+10
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

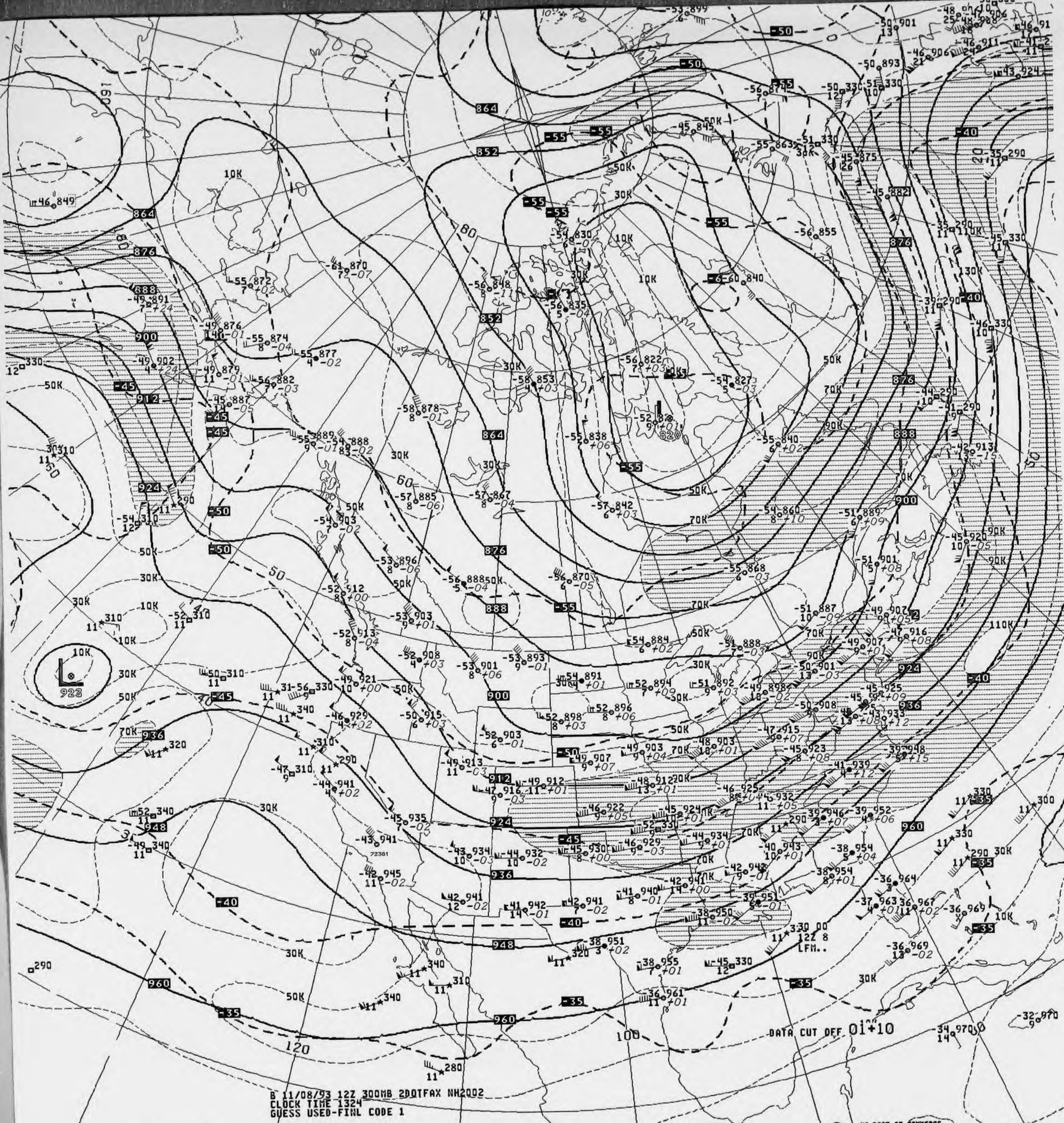
B 11/07/93 12Z 300MB 200TFAX NH2002
CLOCK TIME 1334
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 7 NOV 93


DATA CUT OFF 01+10
B 11/08/93 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL3CODE 1
864
876
888
900
912
924
936
948
960
-55
-50
-45
-40
-35
10K
30K
50K
70K
90K
H
875
L
818
L
920
120
100
80

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 8 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

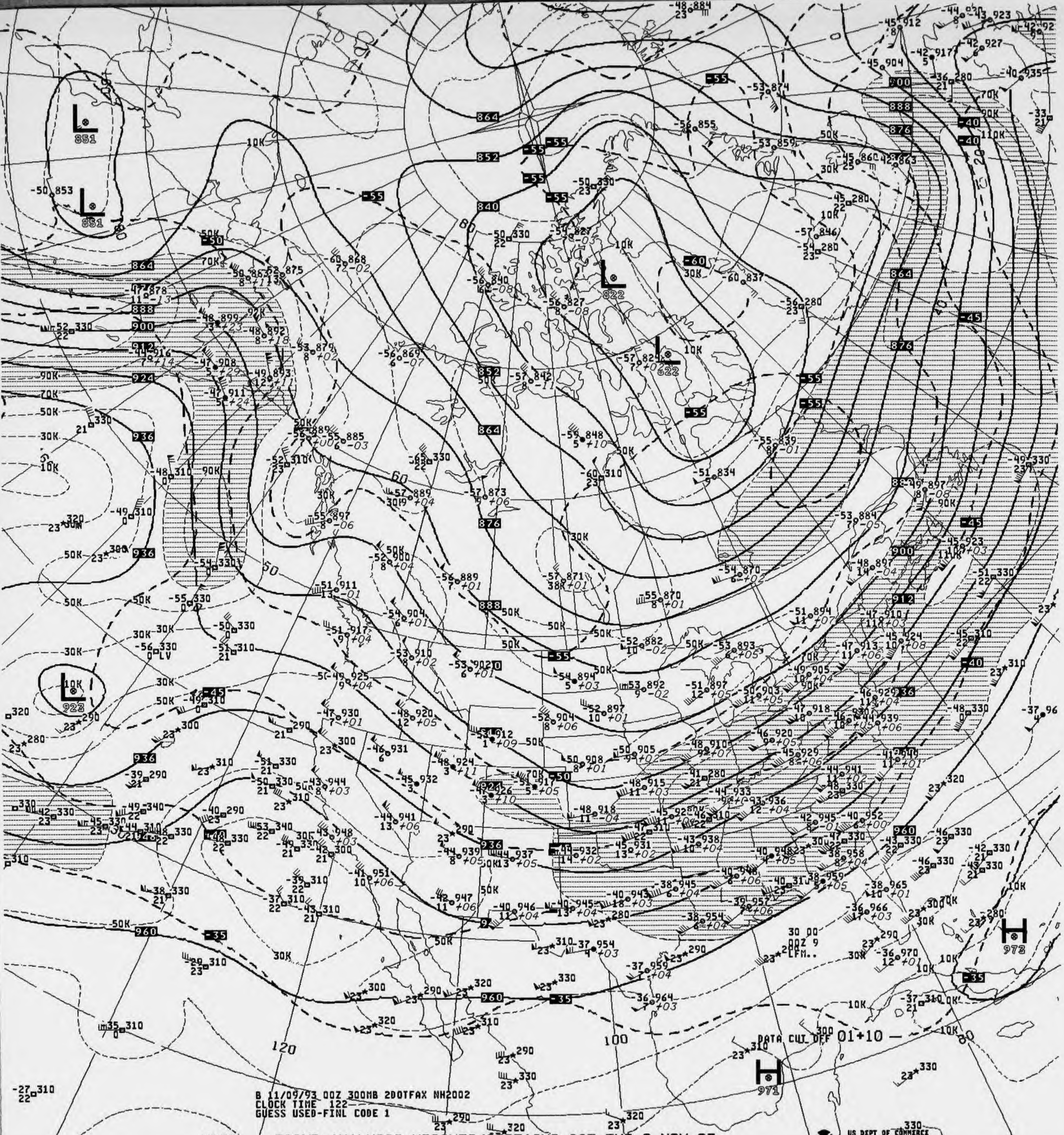


864
852
876
888
900
912
924
936
948
960
-35
-40
-45
-50
-55
10K
30K
50K
70K
90K
110K
130K
50
60
80
100
120
160
DATA CUT OFF 01+10

B 11/08/93 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1324
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 8 NOV 93

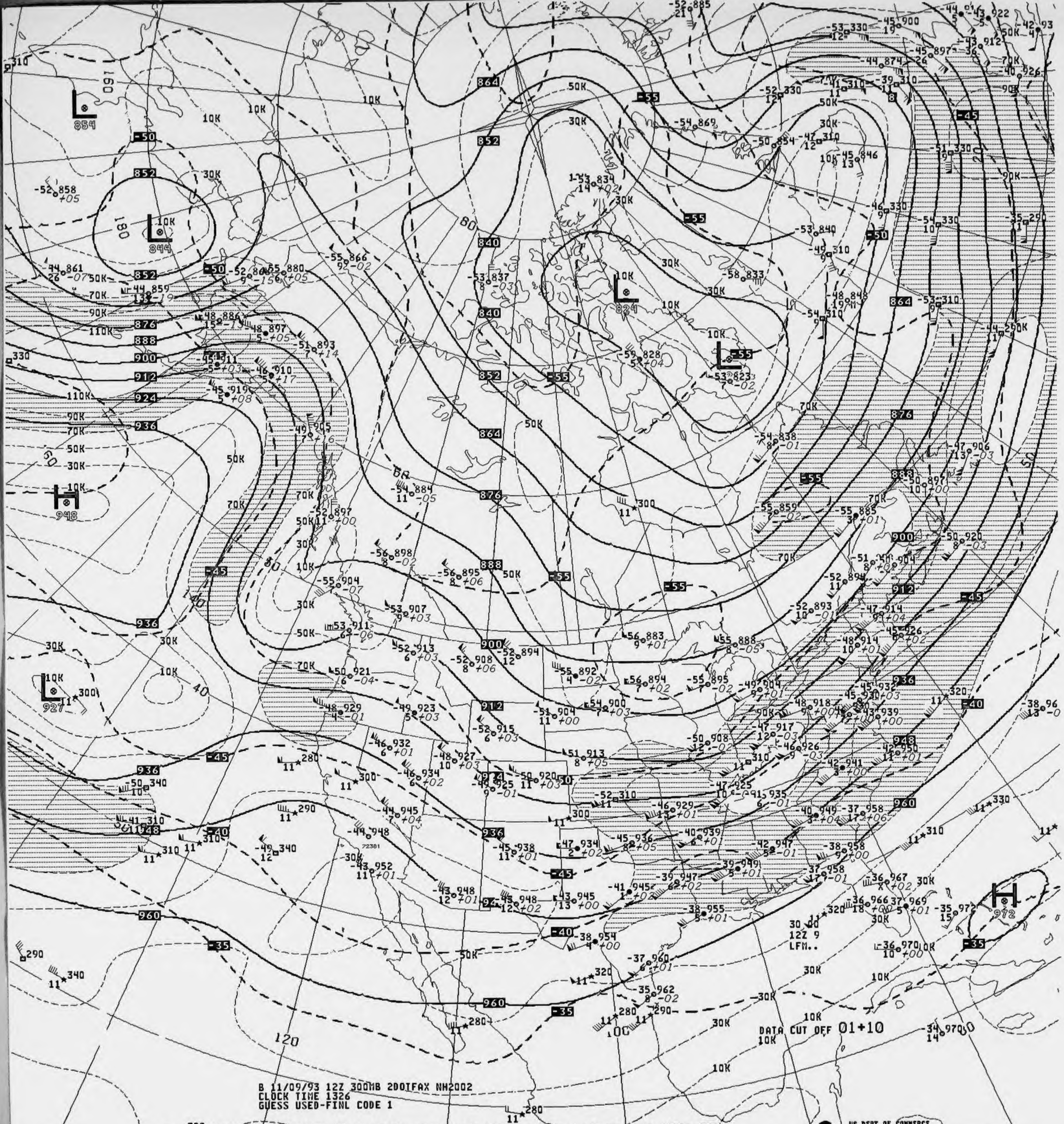
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 851
L 851
L 822
L 822
L 923
H 971
H 972
DATA CUT OFF 01+10
30 00
00Z 9
LFM..
864
852
840
876
888
900
912
924
936
960
-55
-60
-50
-45
-40
-35
120
100
80
60
50
40
20
10K
30K
50K
70K
90K

B 11/09/93 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 122
GUESS USED-FINL CODE 1

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 9 NOV 93

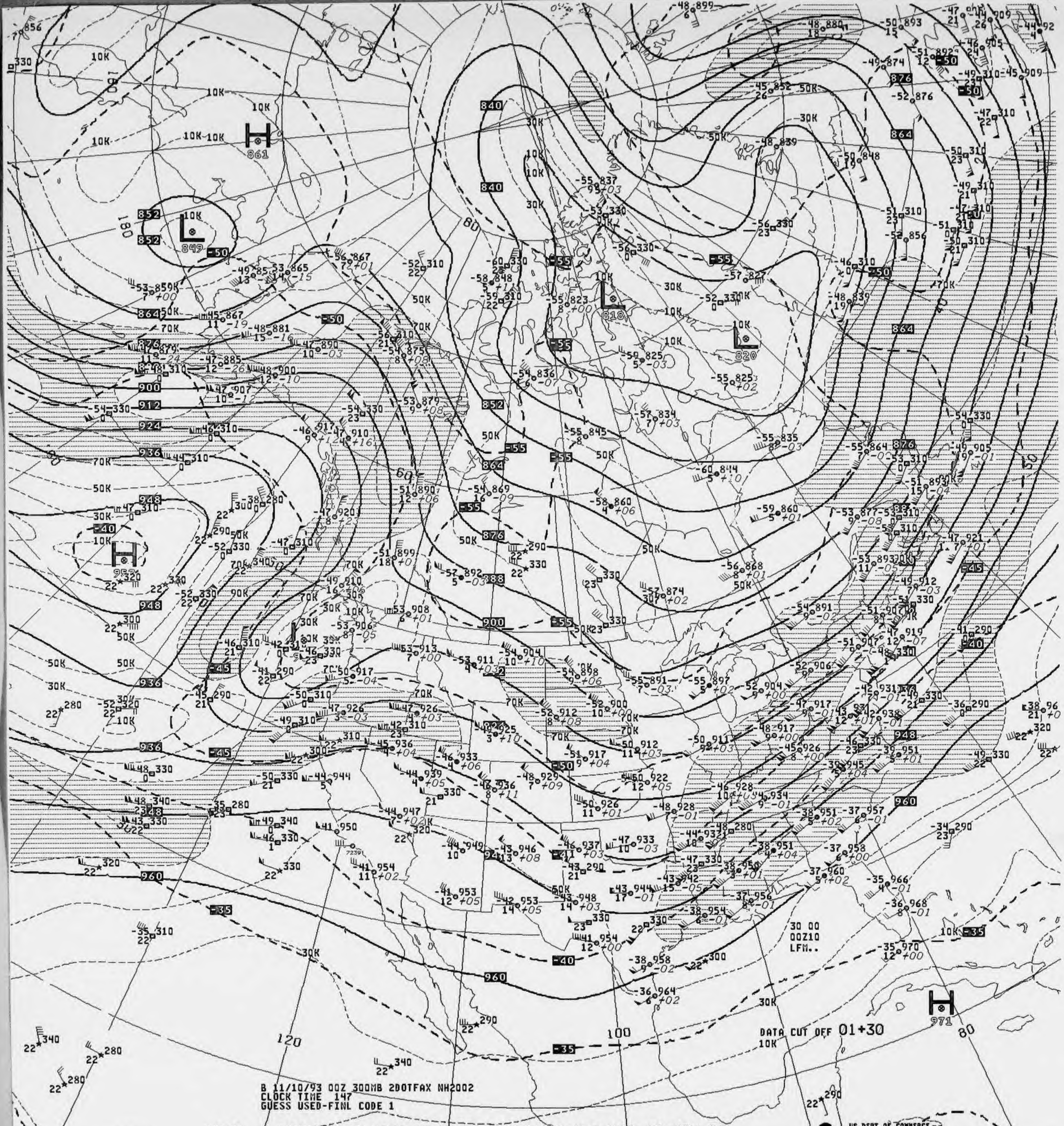
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 11/09/93 12Z 300MB 20OIFAX NH2002
CLOCK TIME 1326
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
30 00
12Z 9
LFM..
L
854
L
844
L
824
L
927
H
948
H
972
864
852
840
876
888
900
912
924
936
948
960
-55
-50
-45
-40
-35
10K
30K
50K
70K
90K
110K

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 9 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/10/93 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 147
GUESS USED-FINL CODE 1
DATA CUT OFF 01+30
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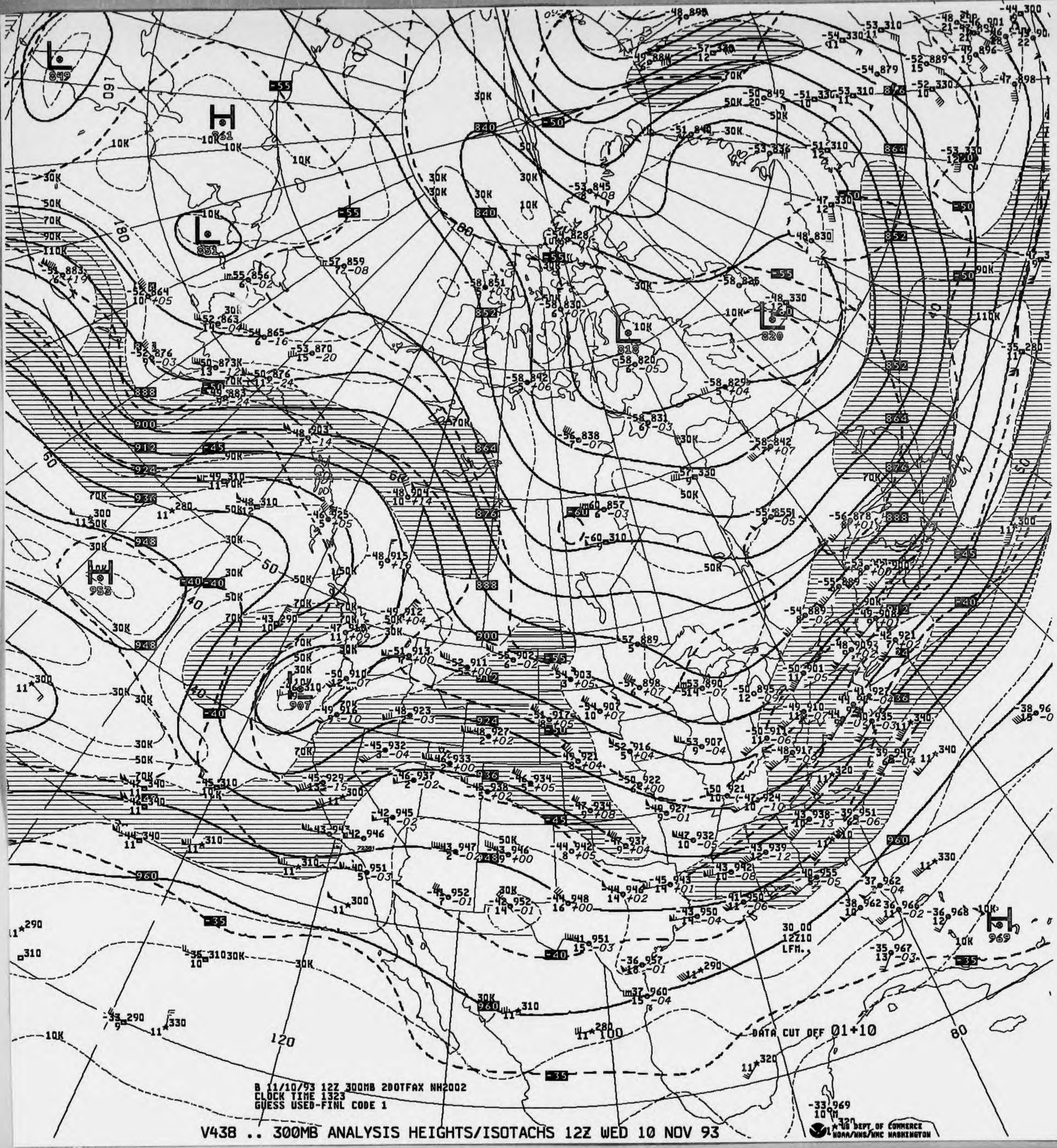
00Z10
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
H 861
L 849
L 818
L 820
H 952
H 971
840
852
864
876
888
900
912
924
936
948
960
-35
-40
-45
-50
-55
10K
30K
50K
70K
90K
180
160
120
100
80
60
40

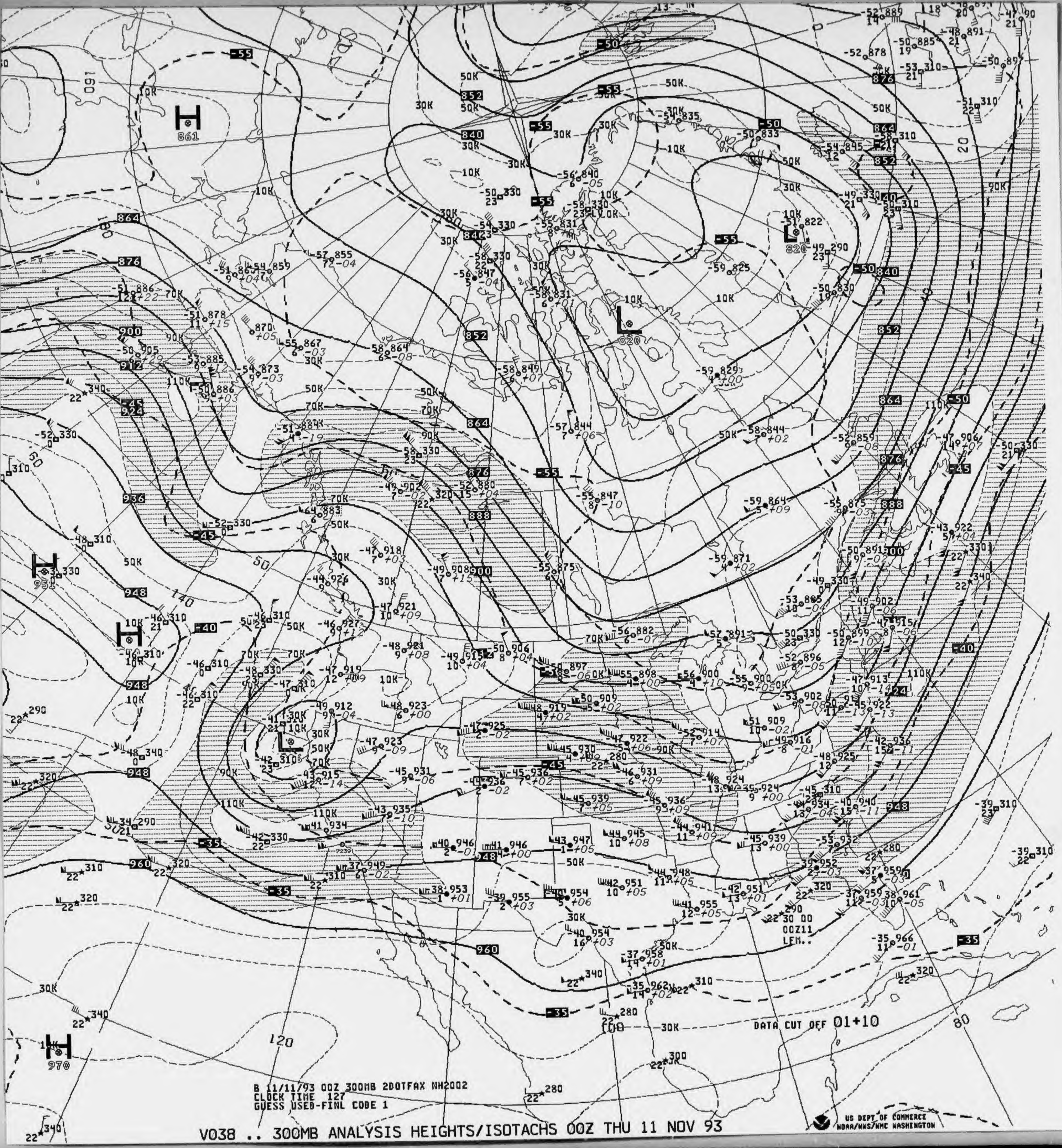
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 10 NOV 93


DATA CUT OFF 01+10
30 00
12Z10
LFM.

B 11/10/93 12Z 300MB 20DTFAX NH2002
CLOCK TIME 1323
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 10 NOV 93

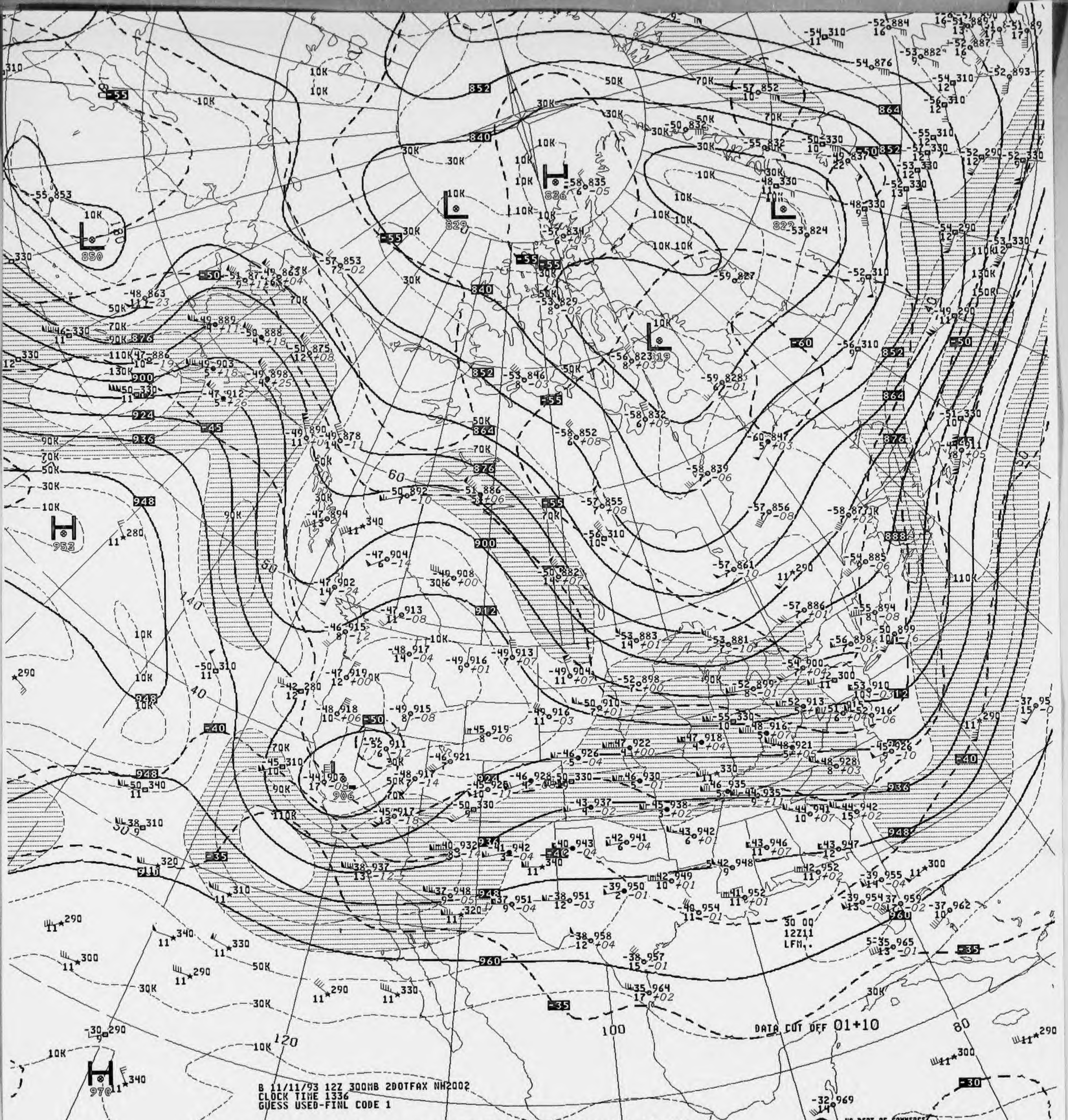
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



DATA CUT OFF 01+10
22 30 00
00Z11
LEM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 11/11/93 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

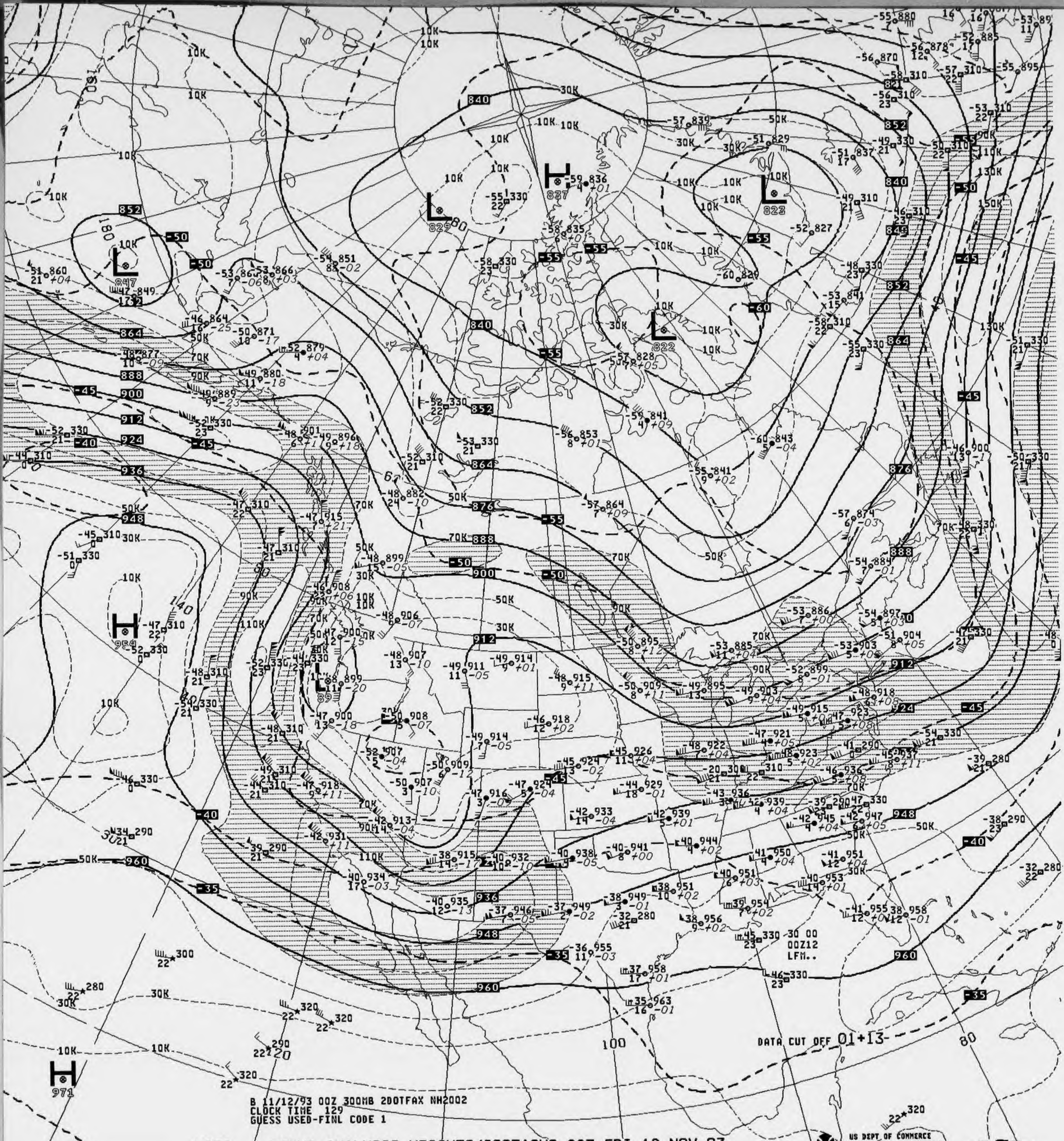
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 11 NOV 93


852
840
864
876
888
900
912
924
936
948
960
-55
-50
-45
-40
-35
-30
-60
L 850
L 829
H 836
L 822
L 819
L 906
H 953
H 970
10K
30K
50K
70K
90K
110K
130K
150K
120
100
80
60
40
140
DATA CUT OFF 01+10
30 00
12Z11
LFM..

B 11/11/93 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1336
GUESS USED-FINL CODE 1

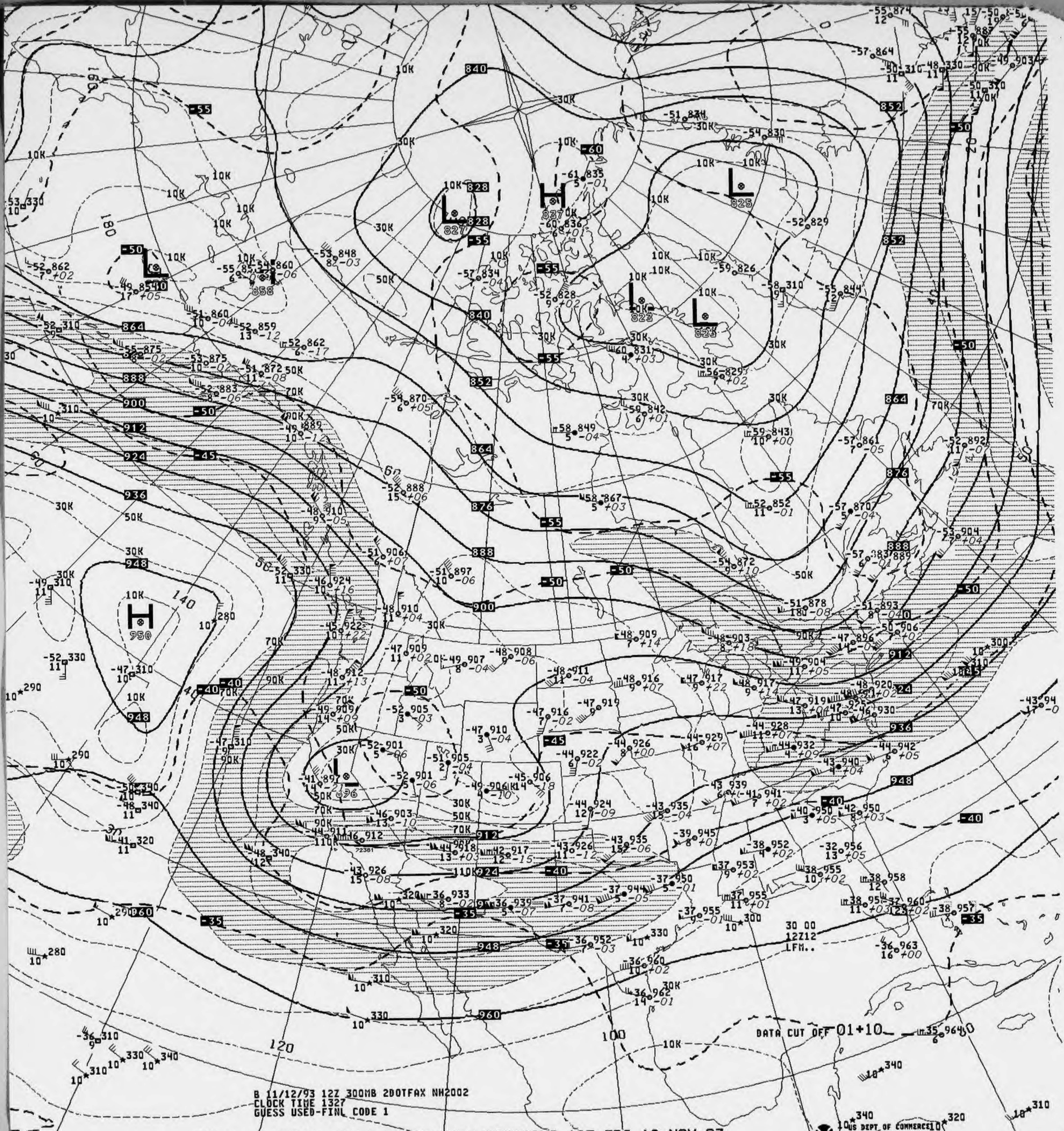
V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 11 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+13-
B 11/12/93 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 129
GUESS USED-FINL CODE 1
30 00
00Z12
LFM..

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 12 NOV 93

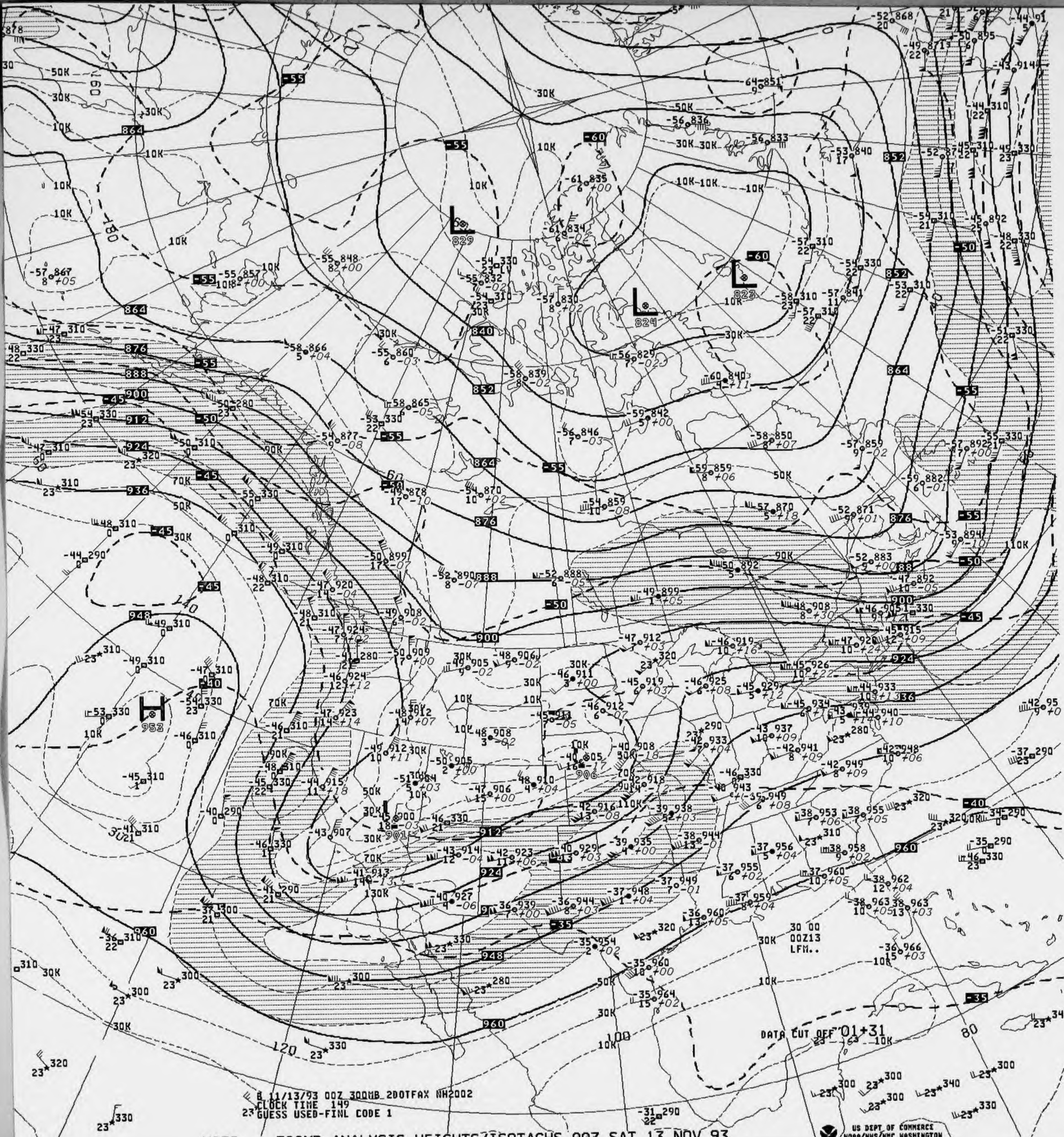
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+10
30 00
12Z12
LFM..
840
852
864
876
888
900
912
924
936
948
960
H
950
L
827
825
823
896

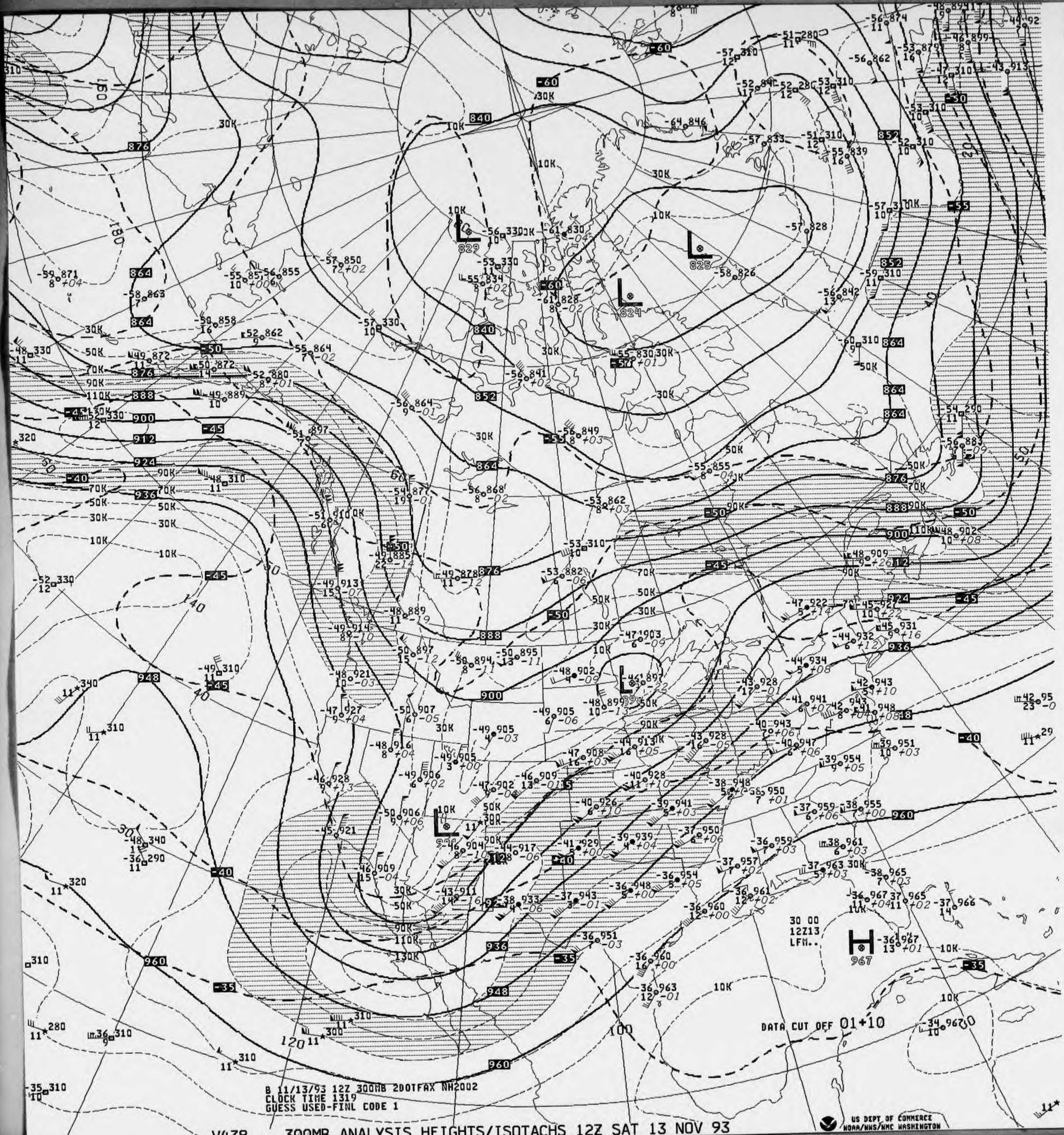
B 11/12/93 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1327
GUESS USED-FINL CODE 1

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 12 NOV 93


B 11/13/93 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 149
GUESS USED-FINL CODE 1
DATA CUT OFF 01+31
30 00
00Z13
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
864
876
888
900
912
924
936
948
960
852
840
-60
-55
-50
-45
-40
-35
953
829
824
823
10K
30K
50K
70K
90K
110K
130K
180
160
140
120
100
80

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 13 NOV 93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CLOCK TIME 1319
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
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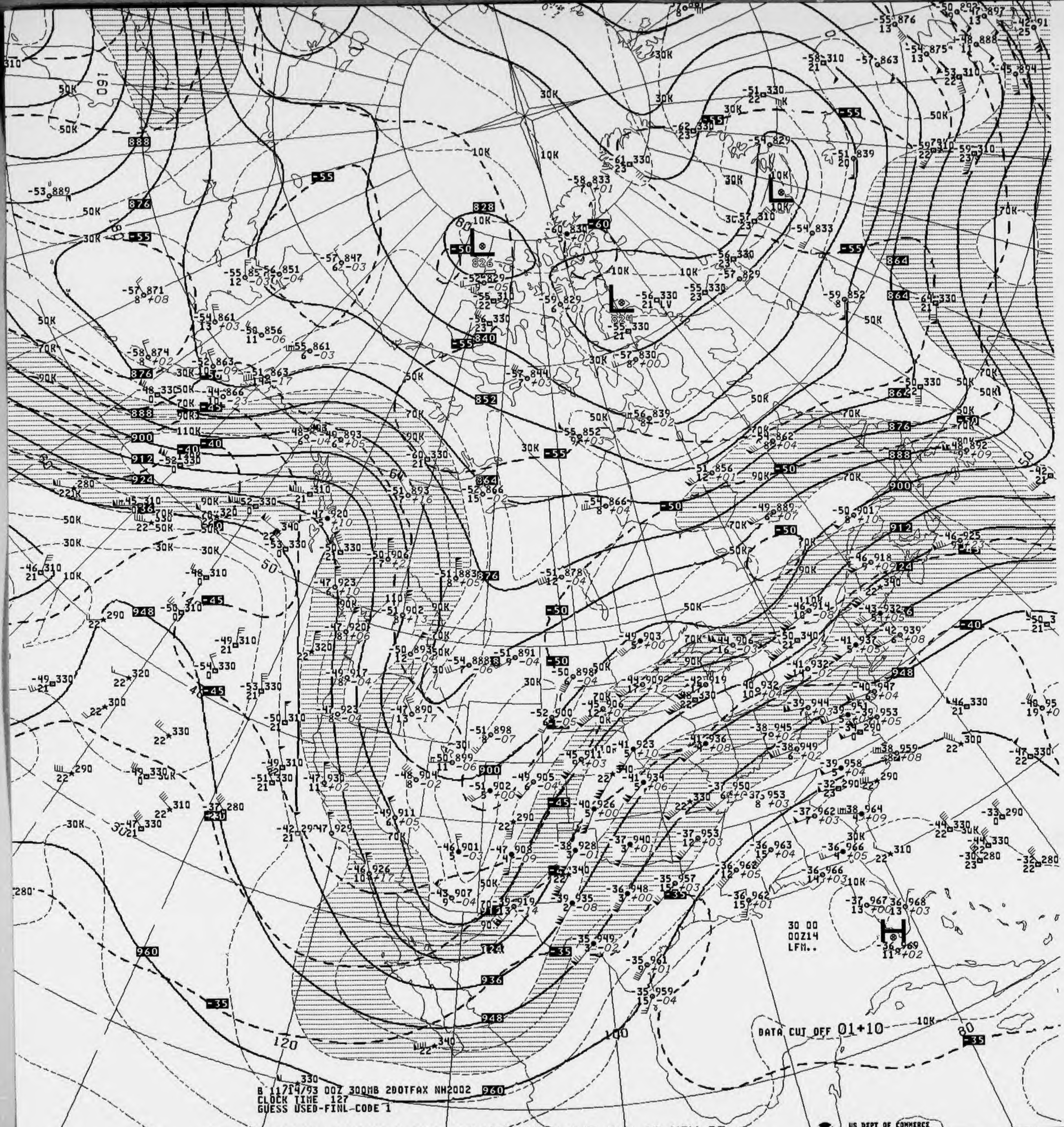
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 13 NOV 93



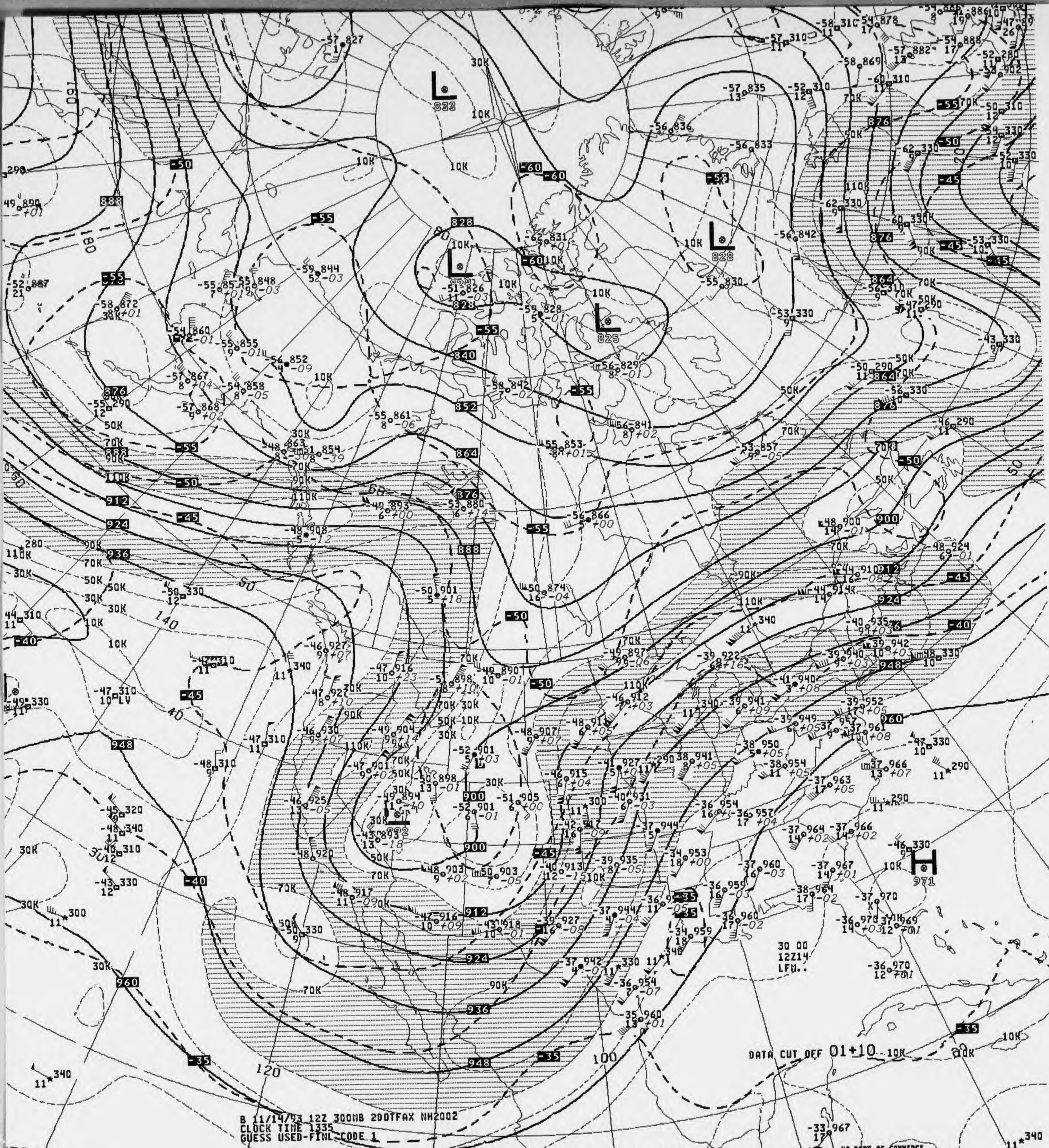
DATA CUT OFF 01+10

30 00
00Z14
LFM..

B 11/14/93 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL-CODE 1

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 14 NOV 93


B 11/14/93 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1335
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
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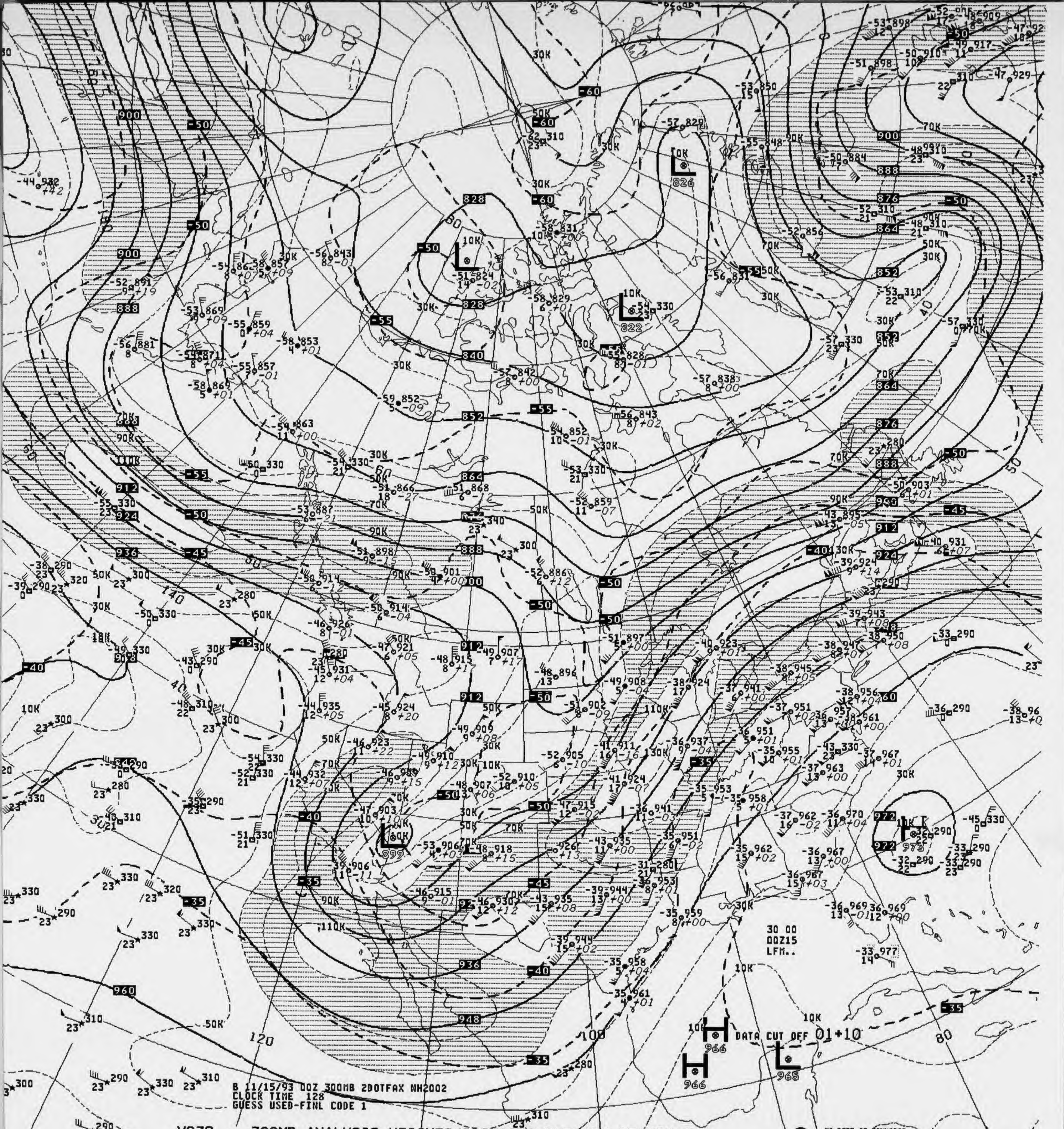
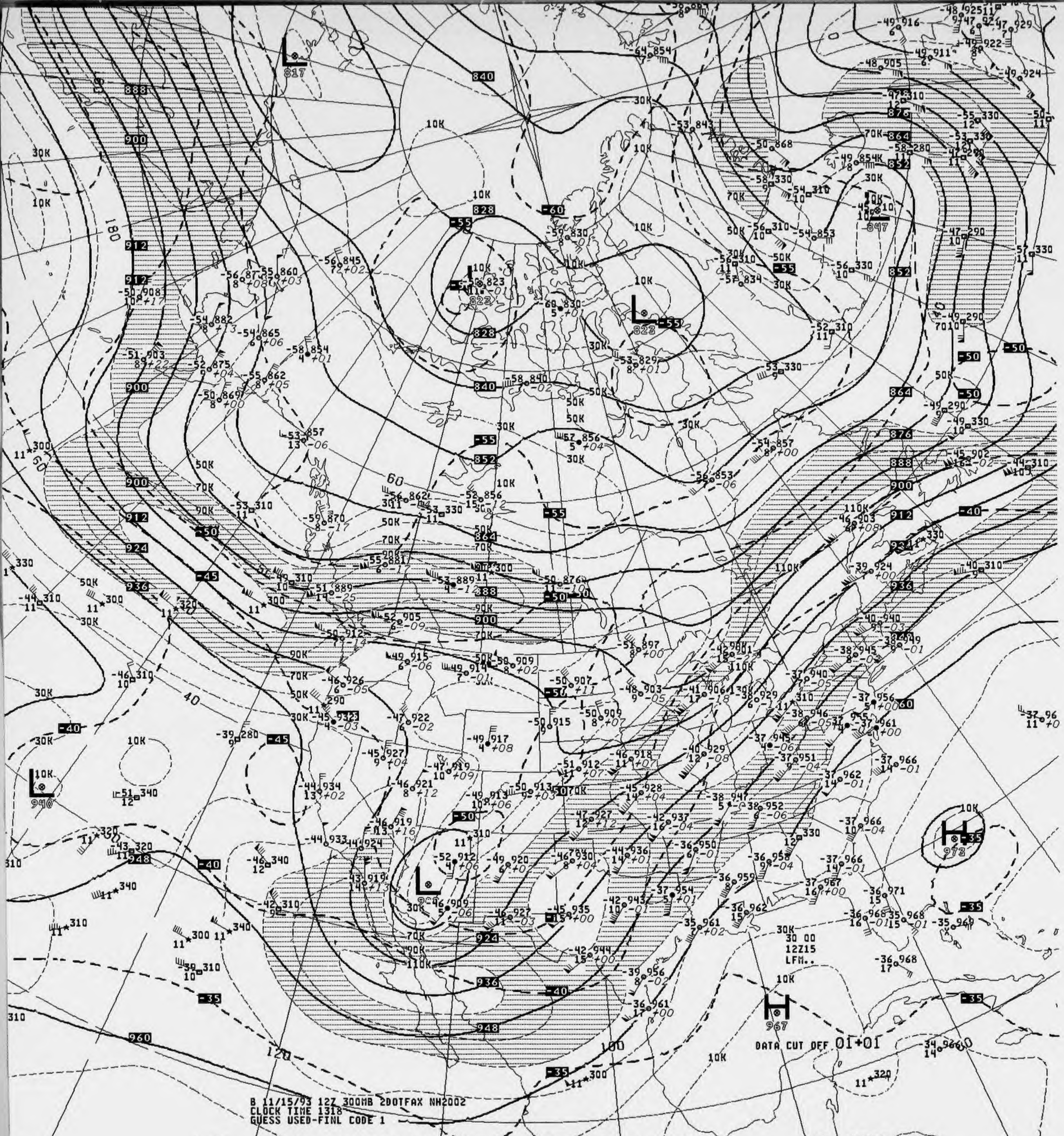
12Z14
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 14 NOV 93


B 11/15/93 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 128
GUESS USED-FINL CODE 1
30 00
00Z15
LFM..
DATA CUT OFF 01+10

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 15 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



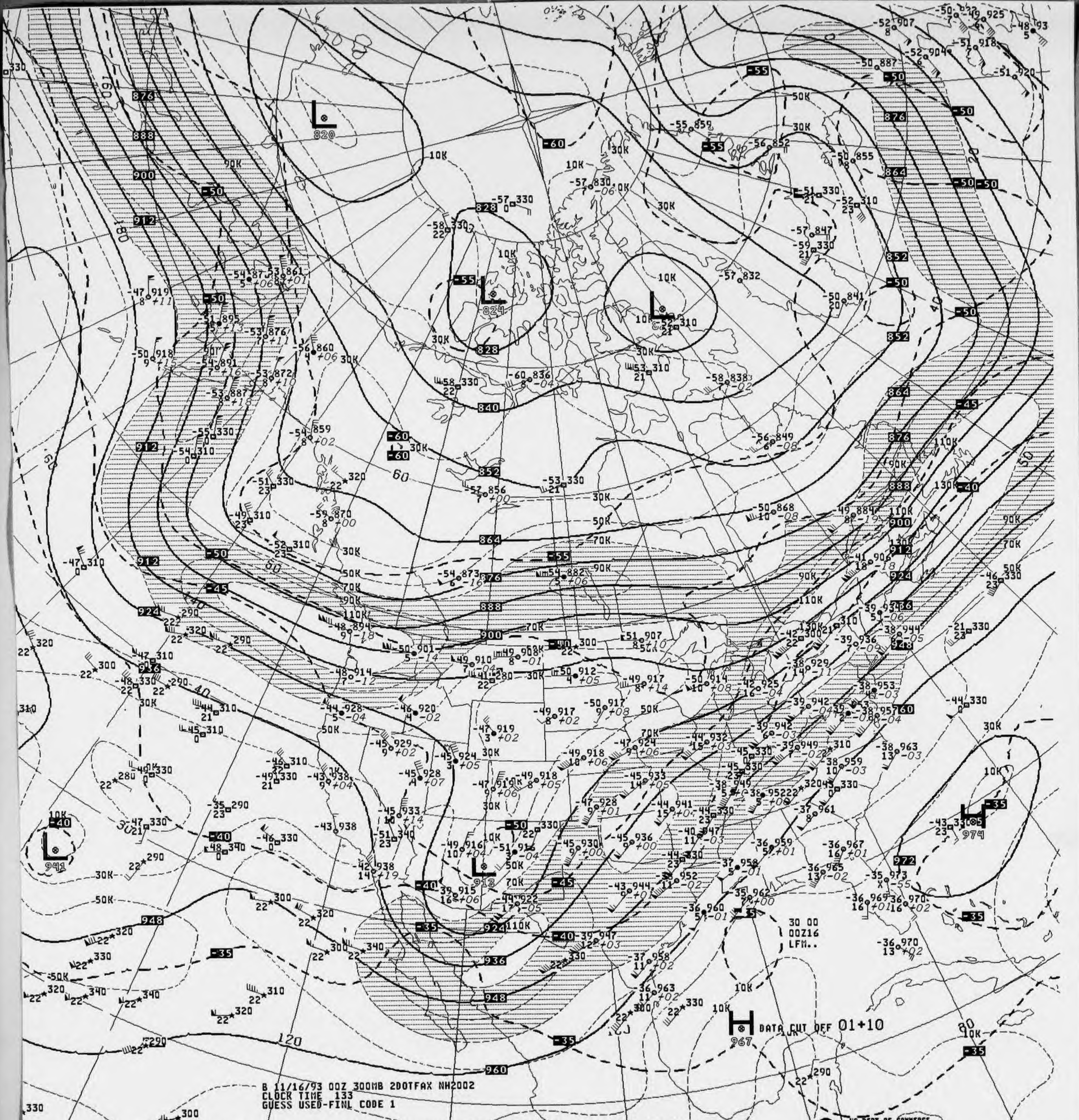
B 11/15/93 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1318
GUESS USED-FINL CODE 1

30K
30 00
12Z15
LFM..

DATA CUT OFF 01+01

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 15 NOV 93

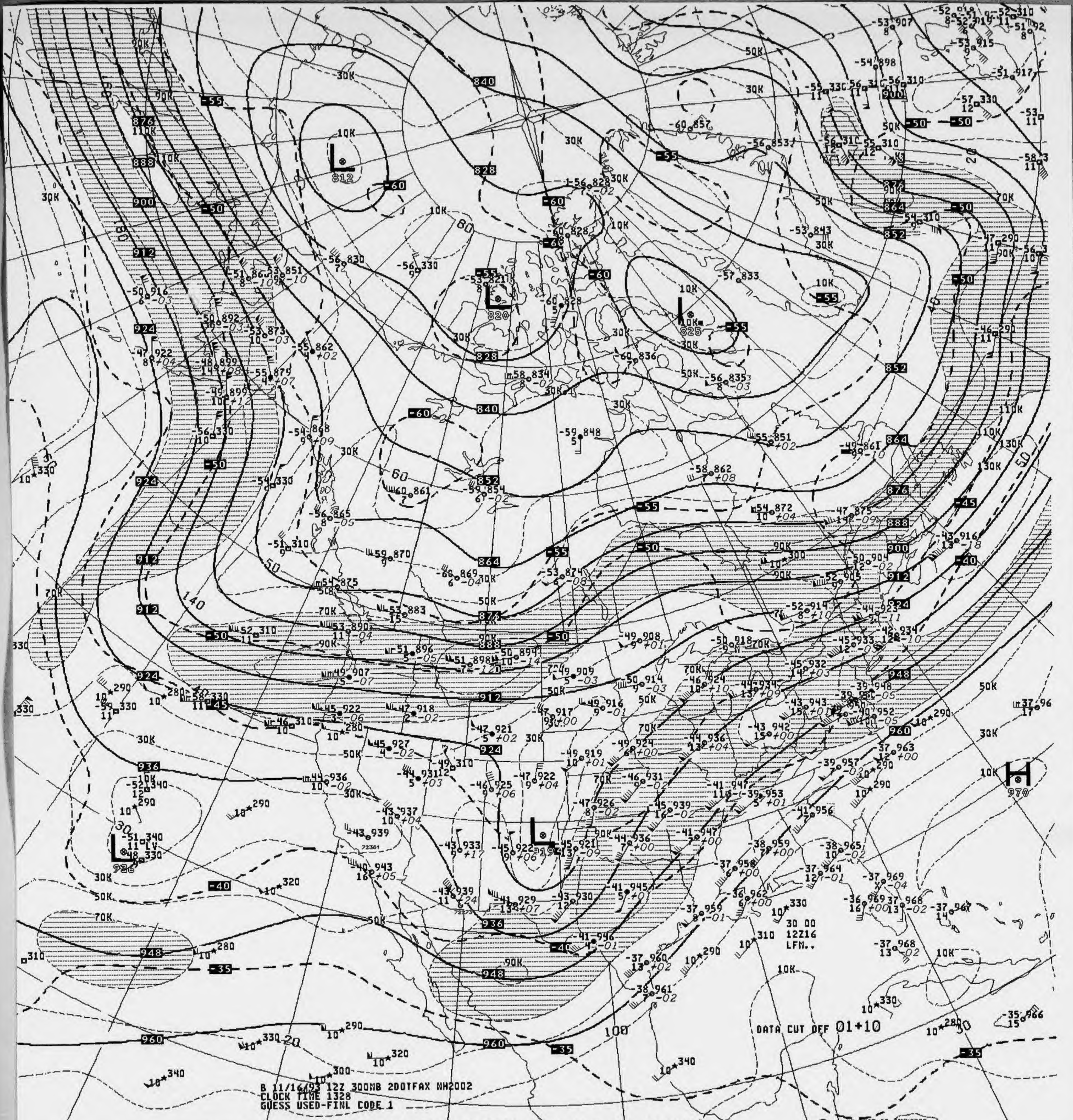
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+10
30 00
00Z16
LFM..
L 820
L 824
L 913
L 941
H 974
H 967

B 11/16/93 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 133
GUESS USED-FINL CODE 1

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 16 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/16/93 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1328
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
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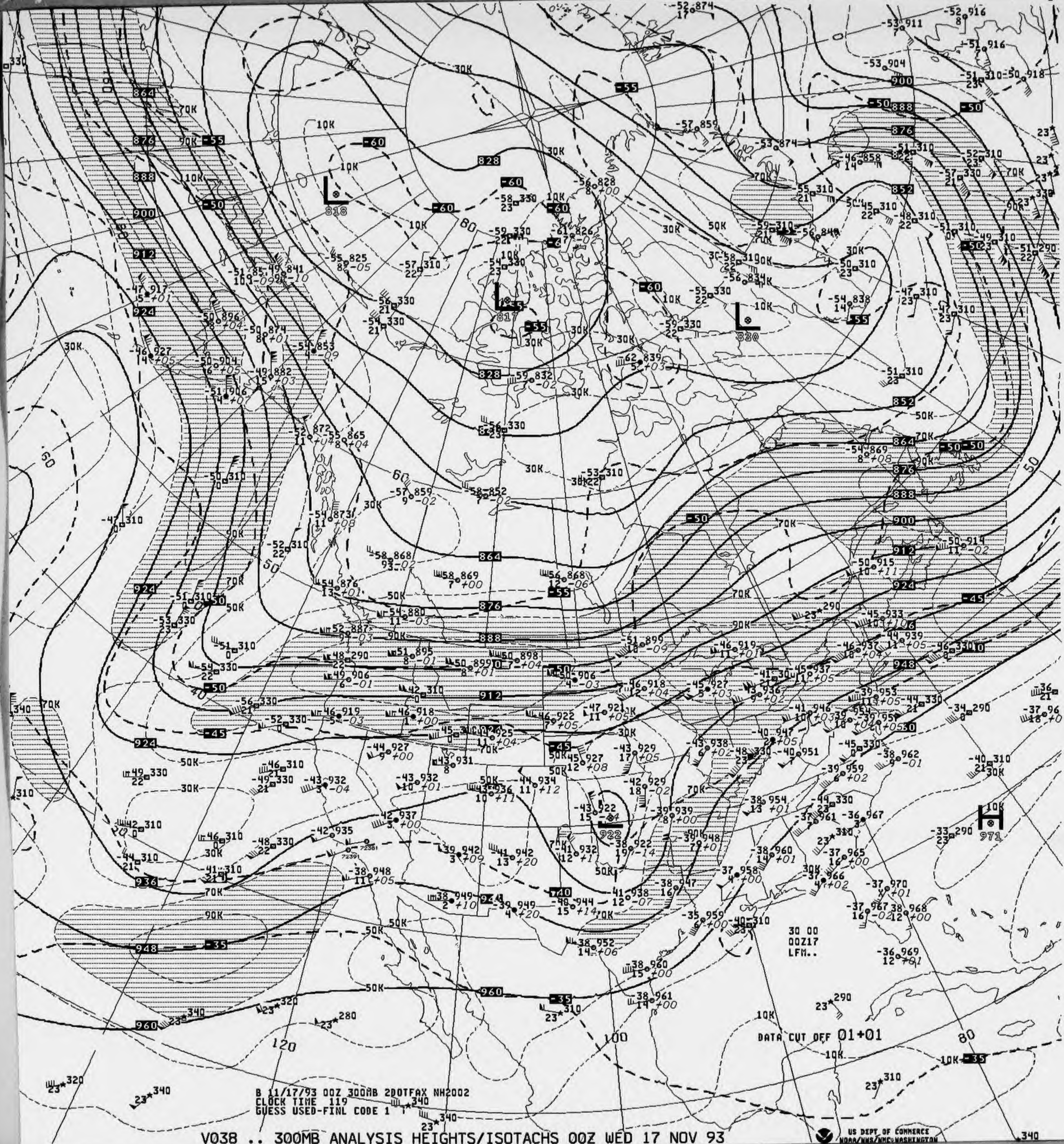
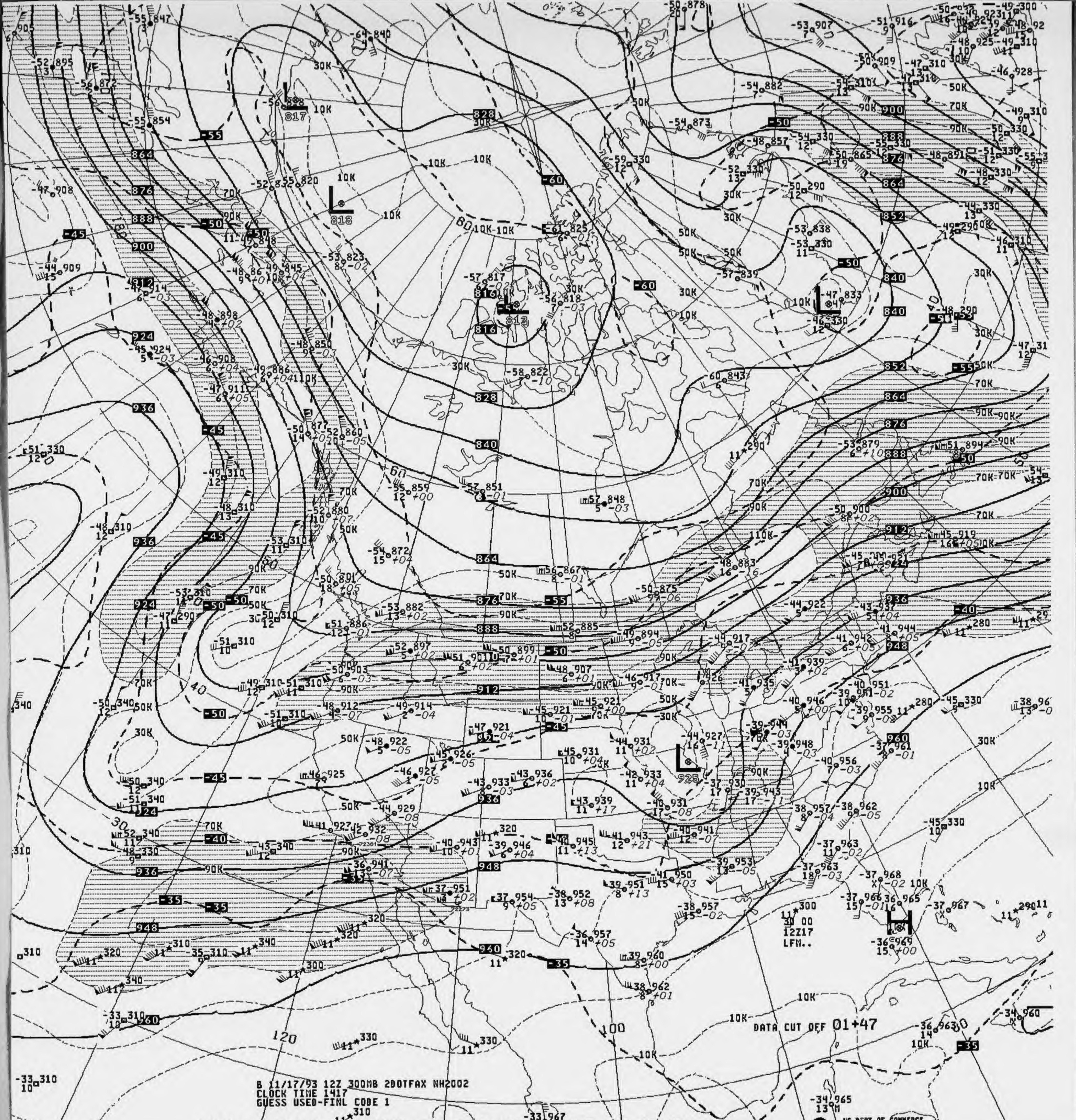
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 16 NOV 93


B 11/17/93 00Z 300MB 2D0TFAX NH2002
CLOCK TIME 119
GUESS USED-FINL CODE 1
30 00
00Z17
LFM..
DATA CUT OFF 01+01
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 17 NOV 93


B 11/17/93 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1417
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DATA CUT OFF 01+47
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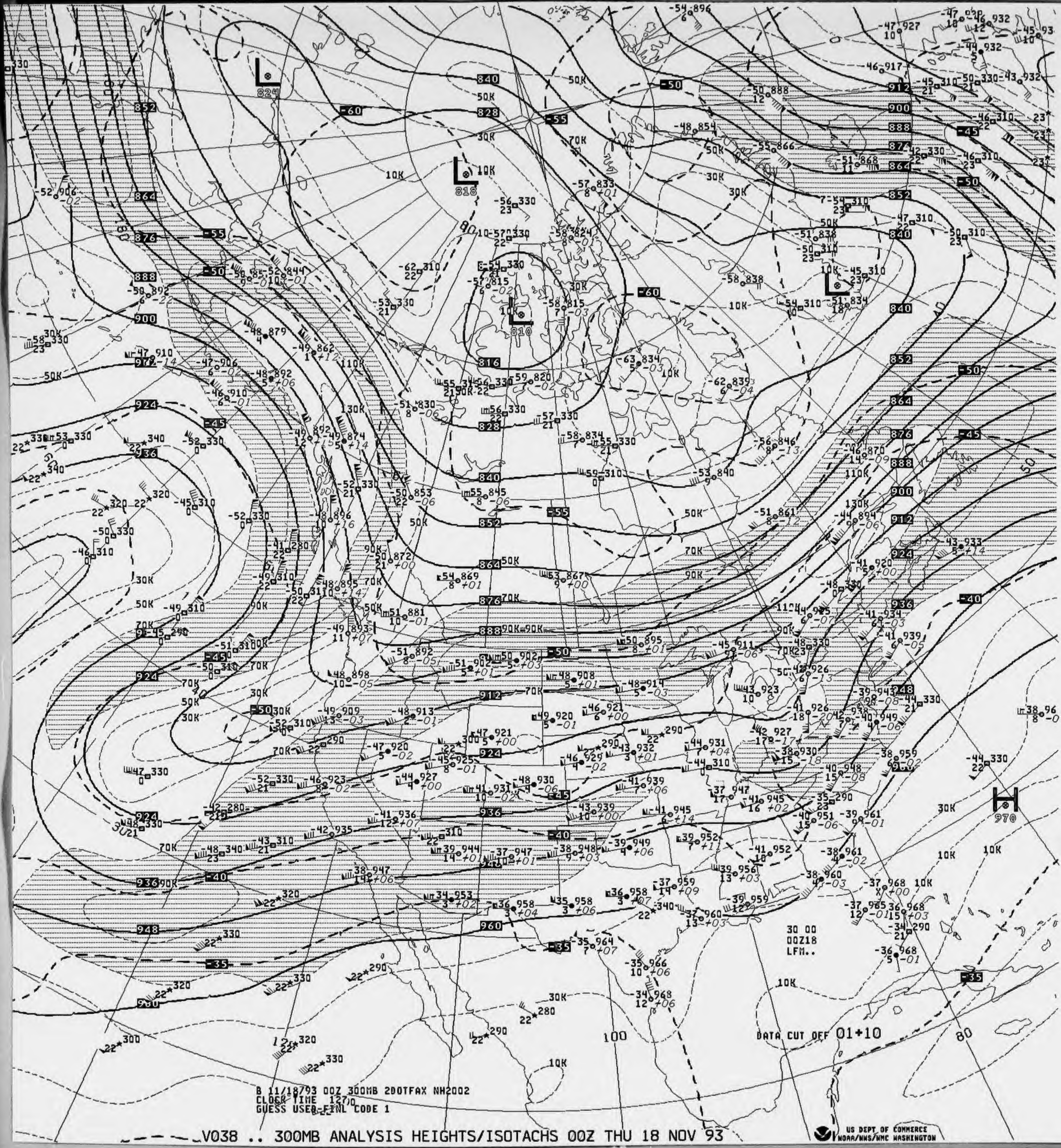
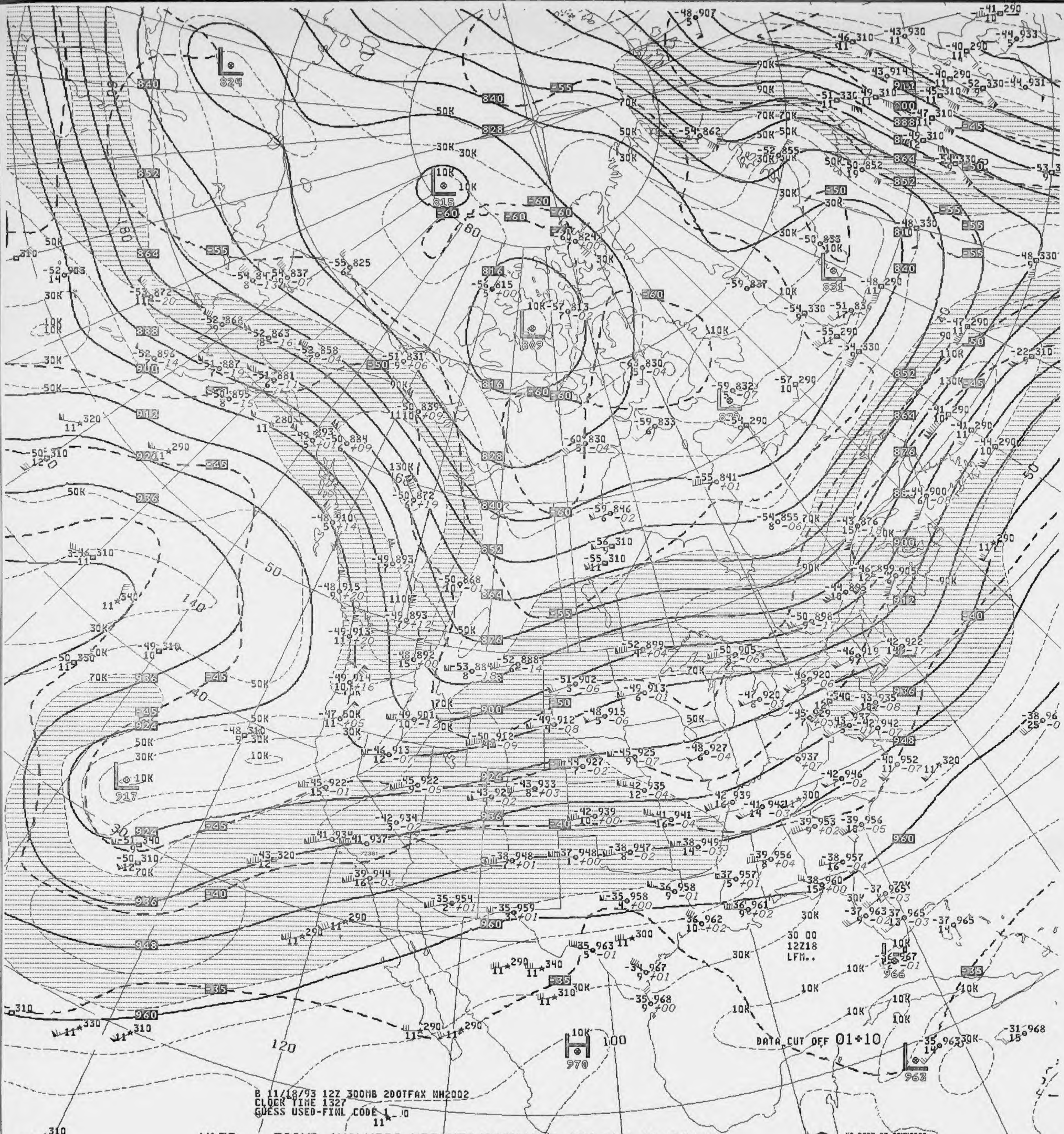
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 17 NOV 93


L 824
L 818
L 810
L
H 970
DATA CUT OFF 01+10
30 00
00Z18
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 11/18/93 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 1270
GUESS USED-FINL CODE 1

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 18 NOV 93


B 11/18/93 12Z 300MB 200TFAX NH2002
CLOCK TIME 1327
GUESS USED-FINL CODE 1 .0
DATA CUT OFF 01+10
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12Z18
LFM..
824
815
809
831
917
970
963
966
840
828
852
864
888
900
912
924
936
948
960
816
876
-55
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-45
-40
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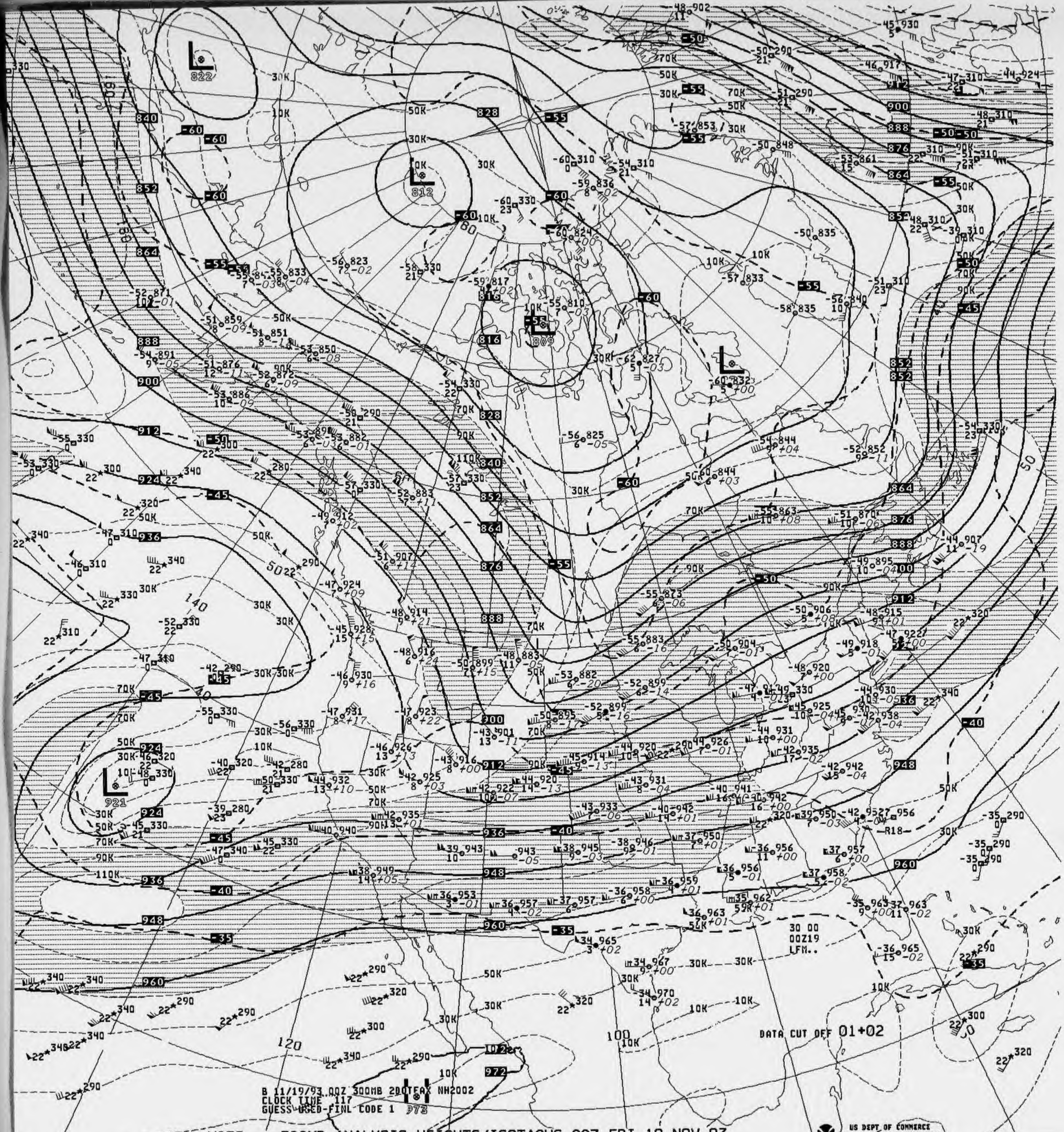
10K
30K
50K
70K
90K
110K
130K

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 18 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 11/19/93 00Z 300MB 200TFAX NH2002
CLOCK TIME 117
GUESS USED-FINL CODE 1
DATA CUT OFF 01+02
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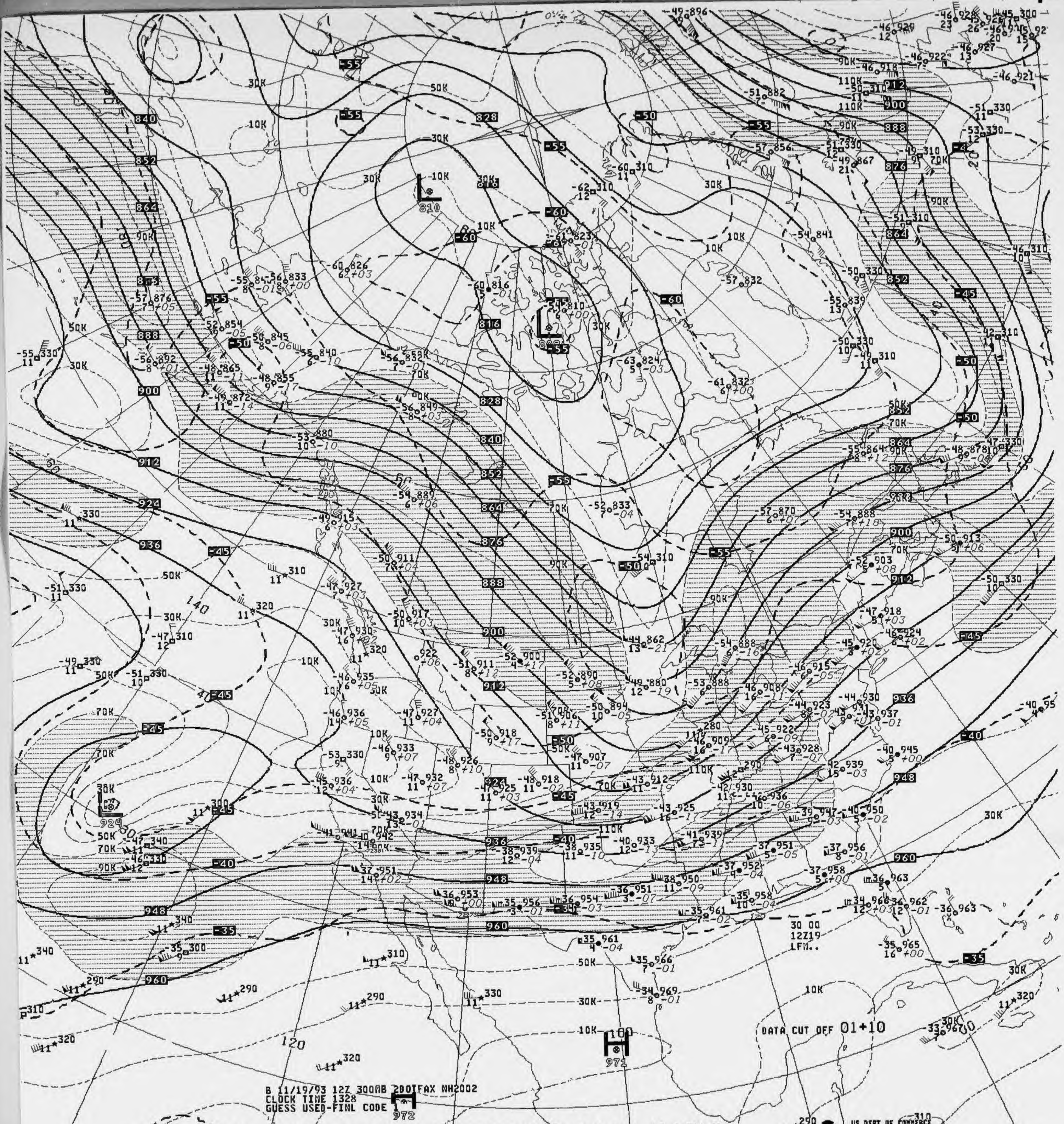
00Z19
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 19 NOV 93


B 11/19/93 12Z 300MB 200TFAX NH2002
CLOCK TIME 1328
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
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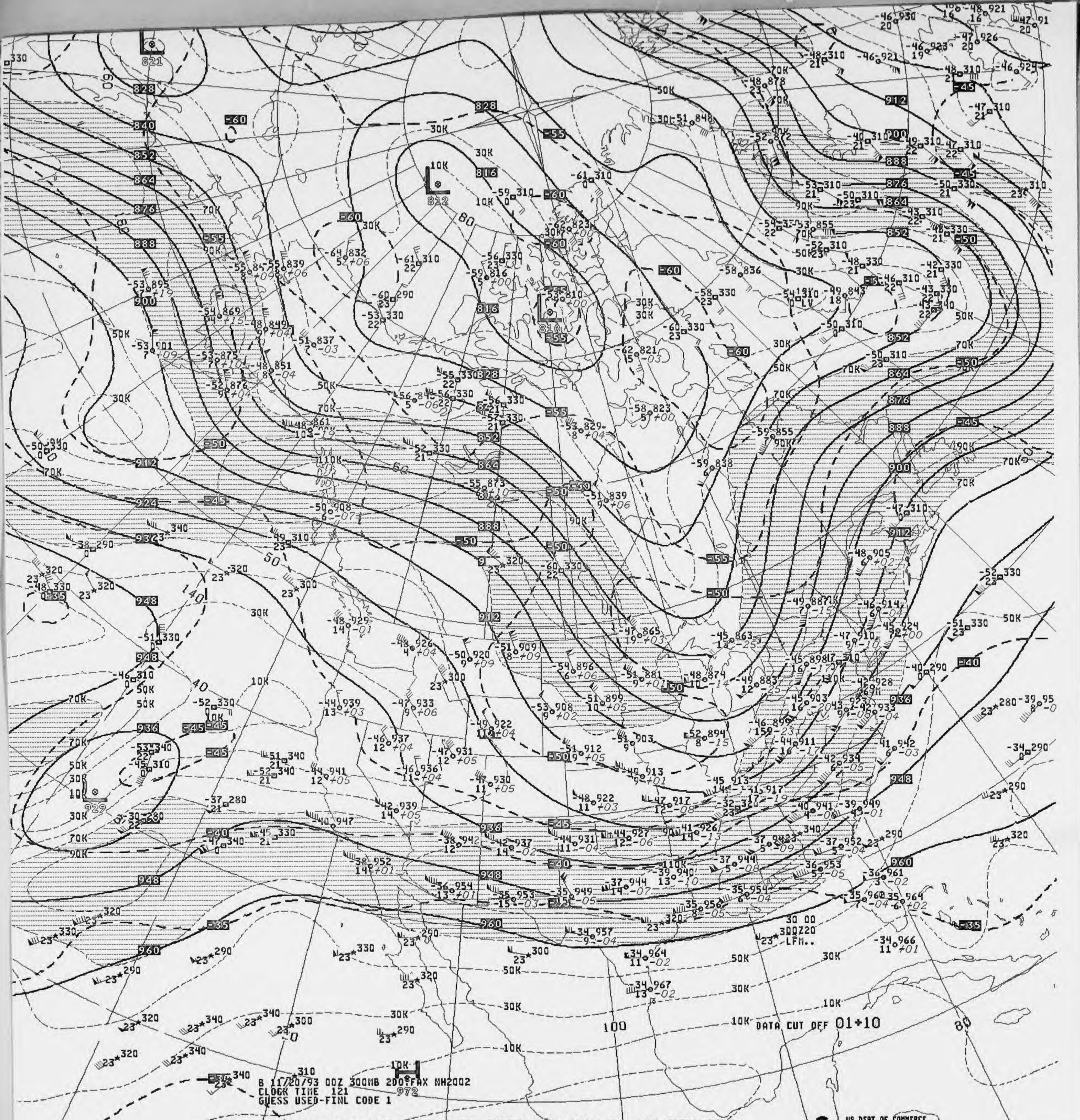
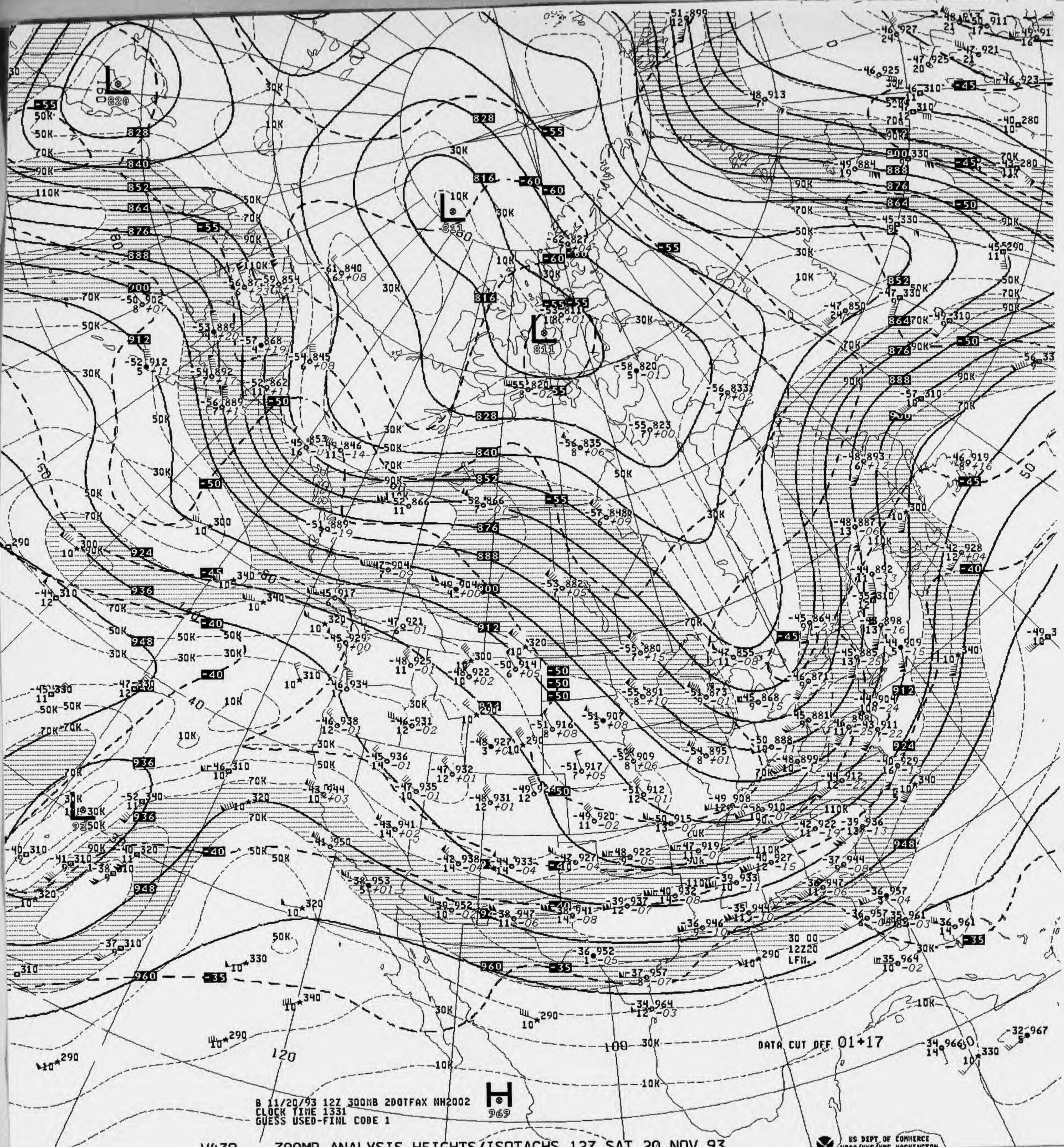
12Z19
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 19 NOV 93

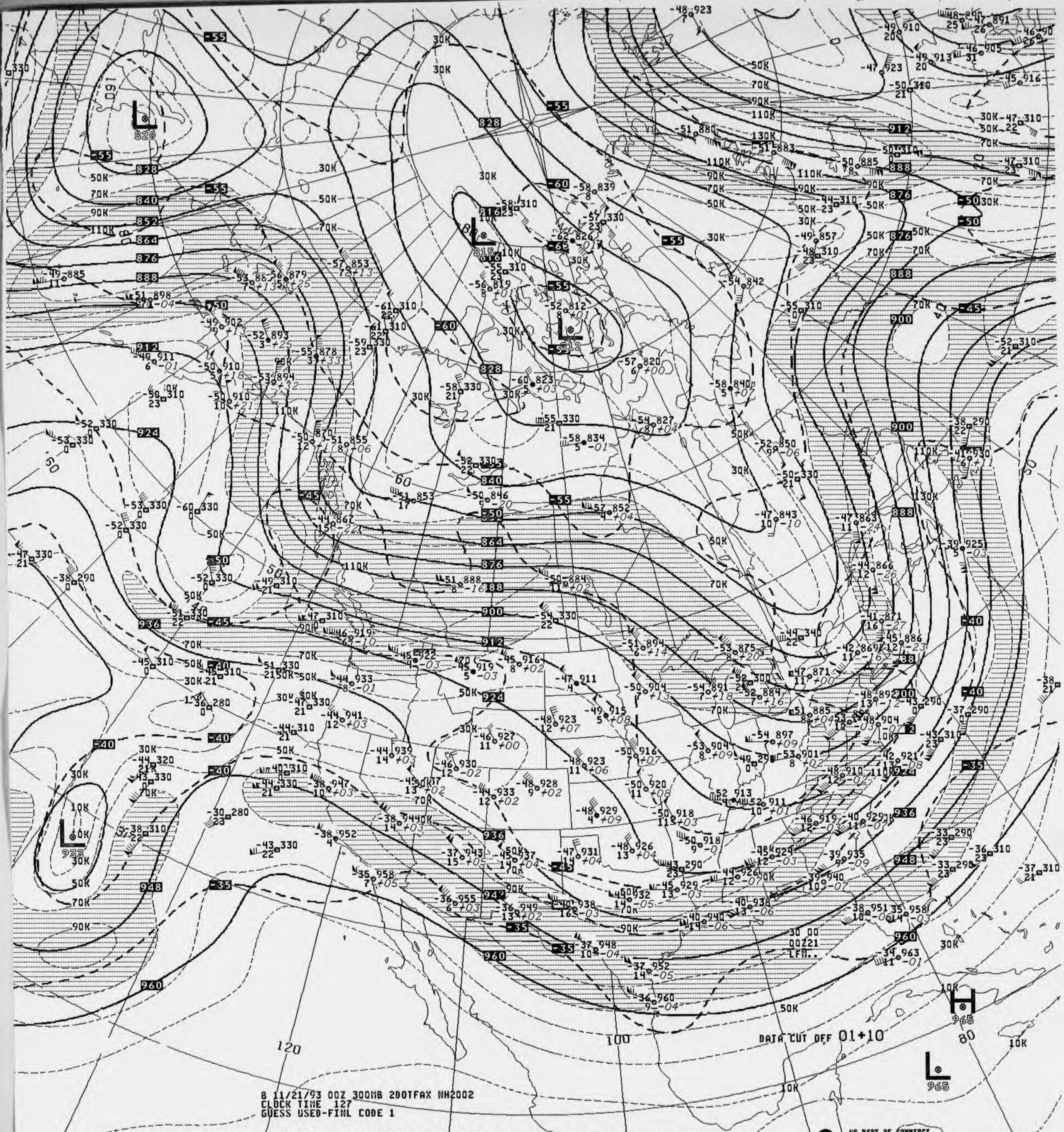


B 11/20/93 00Z 300MB 2001FAX NH2002
CLOCK TIME 121
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 20 NOV 93


B 11/20/93 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1331
GUESS USED-FINL CODE 1
DATA CUT OFF 01+17
30 00
12Z20
LFM.
L
820
L
811
L
811
H
969
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 20 NOV 93


DATA CUT OFF 01+10
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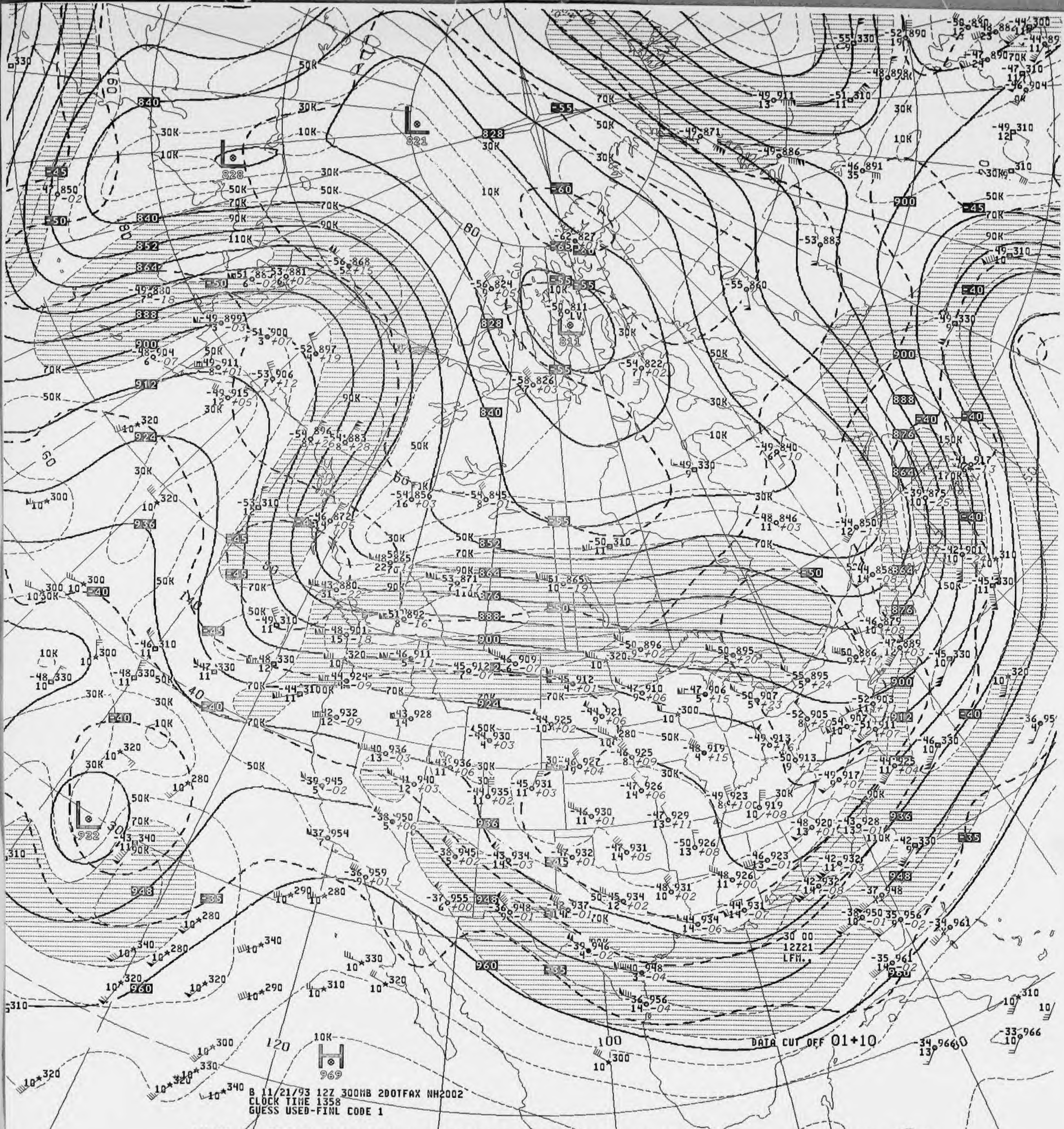
CLOCK TIME 127
GUESS USED-FINL CODE 1
L 820
L 815
L 812
L 933
H 965
L 965
120
100
80

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 21 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

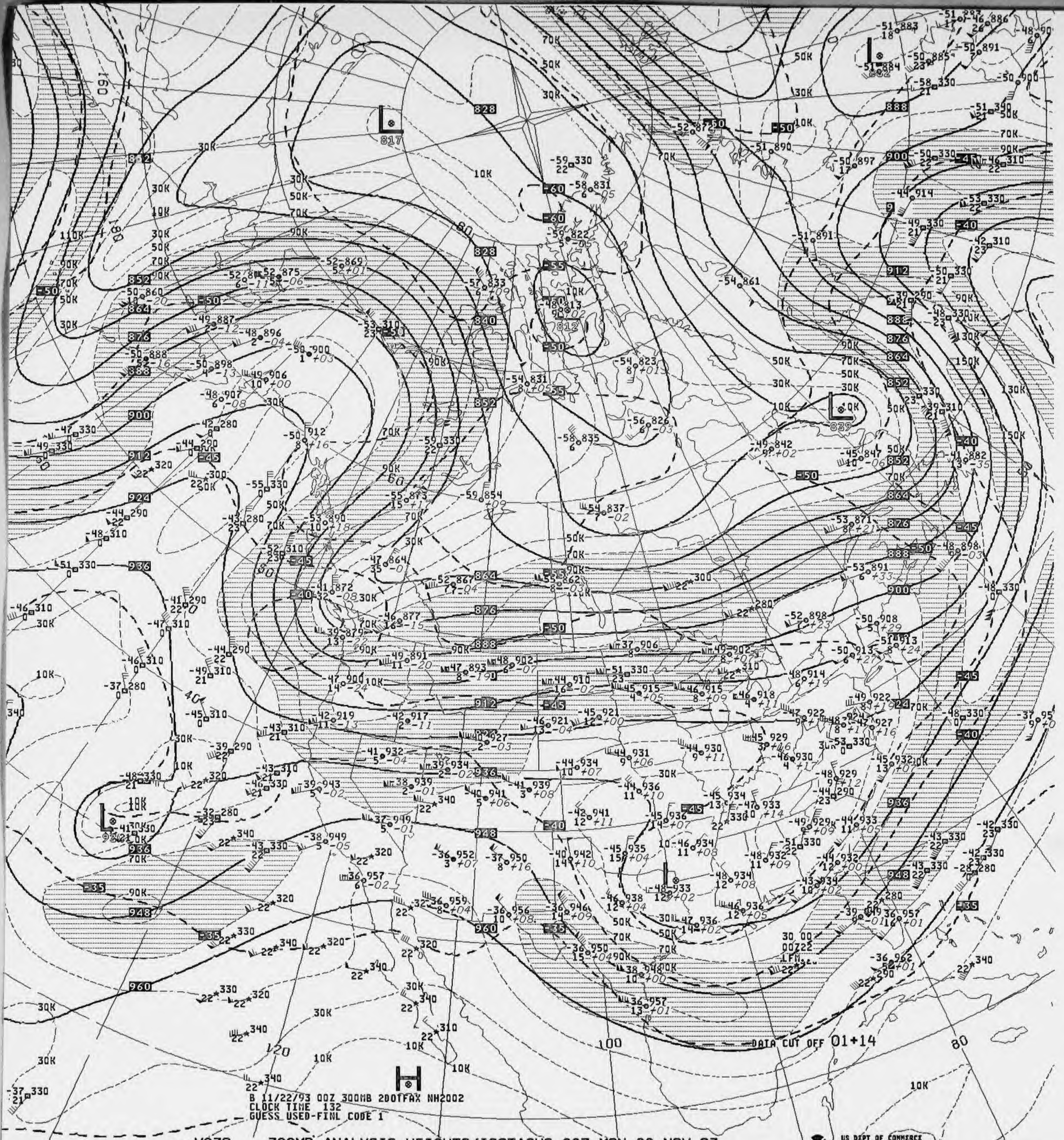

L
821
L
828
L
811
LV
L
932
H
969
840
852
864
888
900
912
924
936
948
960
828
876
30 00
12Z21
LFM.

DATA CUT OFF 01+10

B 11/21/93 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1358
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 21 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+14
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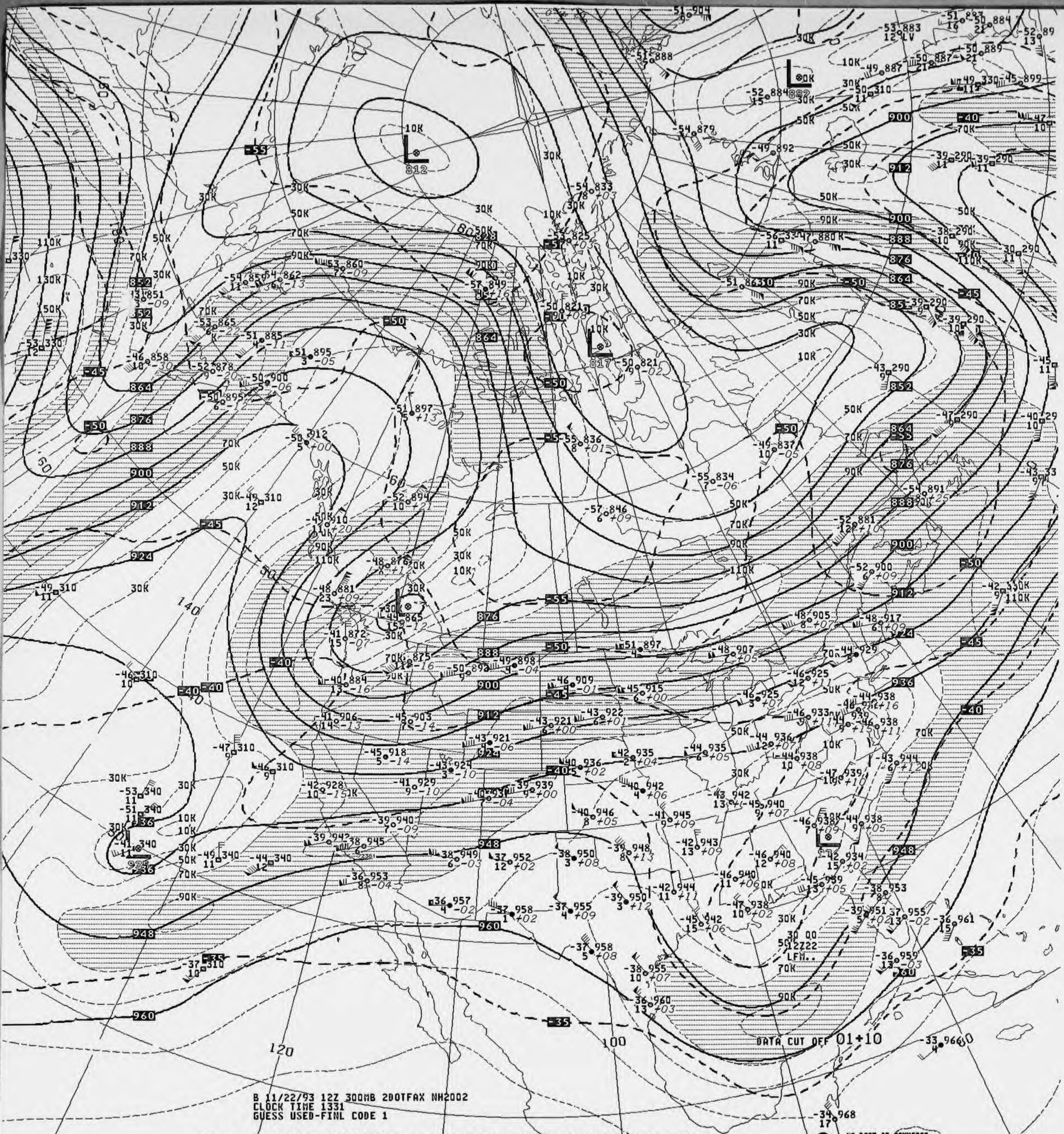
CLOCK TIME 132
GUESS USED-FINL CODE 1

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 22 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+10
852
864
876
888
900
912
924
936
948
960
-35
-40
-45
-50
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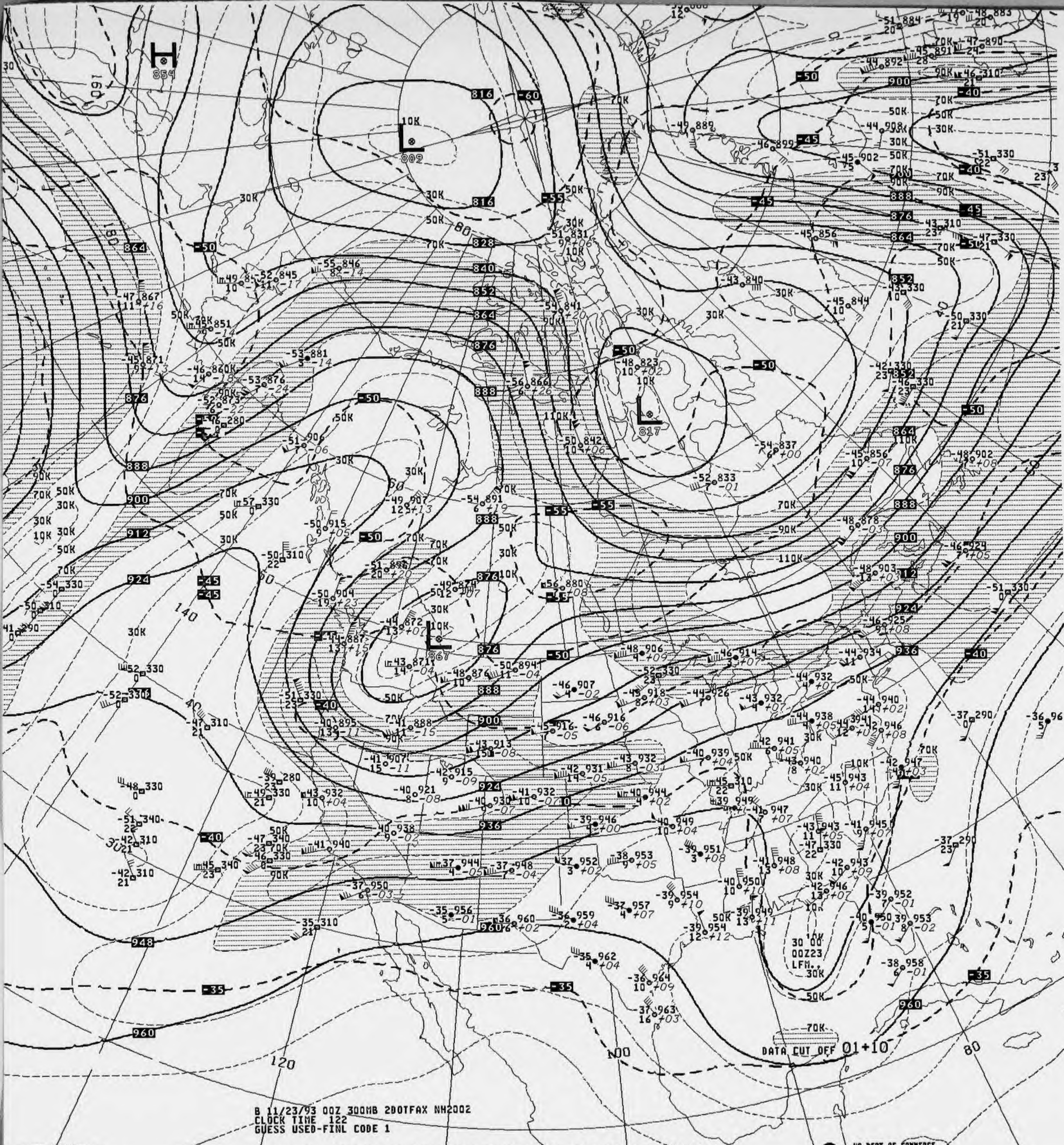
10K
30K
50K
70K
90K
110K
130K
150K
812
817
882
120
140
100

B 11/22/93 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1331
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 22 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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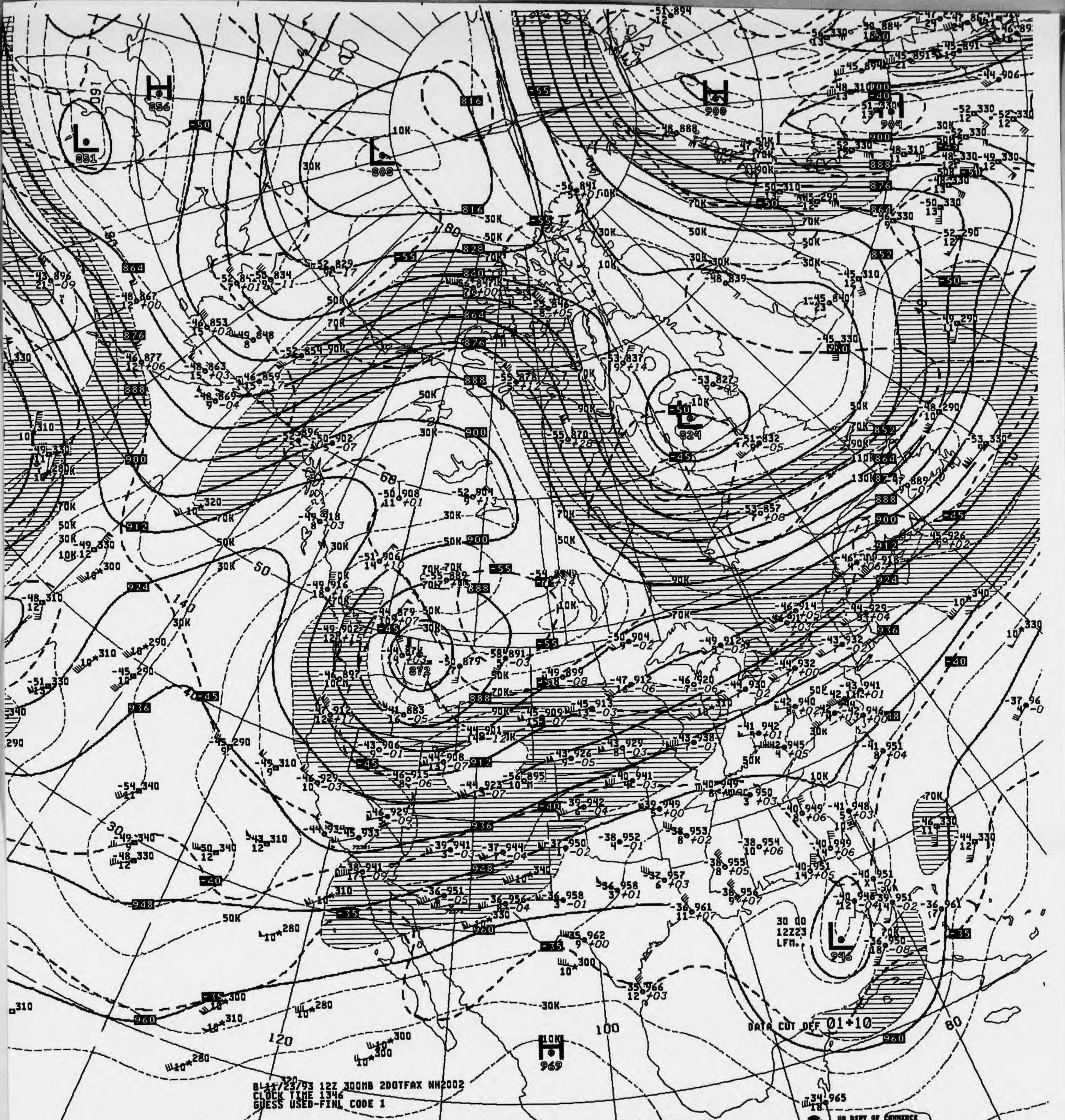
00Z23
LFM..
B 11/23/93 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 122
GUESS USED-FINL CODE 1

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 23 NOV 93

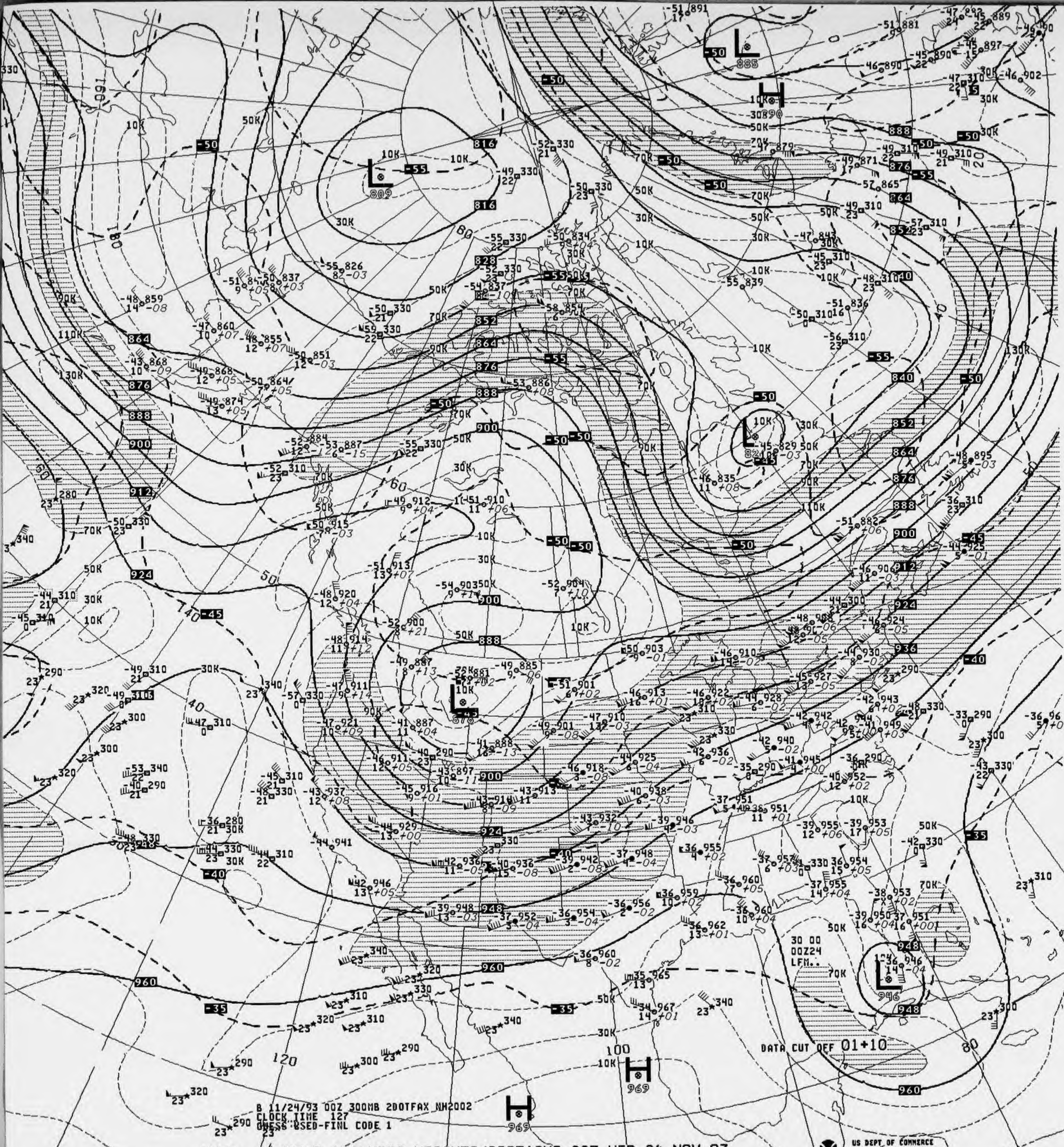
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


851
856
808
816
900
909
824
872
946
969
DATA CUT OFF 01+10
30 00
12Z23
LFM.

BL11/23/93 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1346
GUESS USED-FINL CODE 1

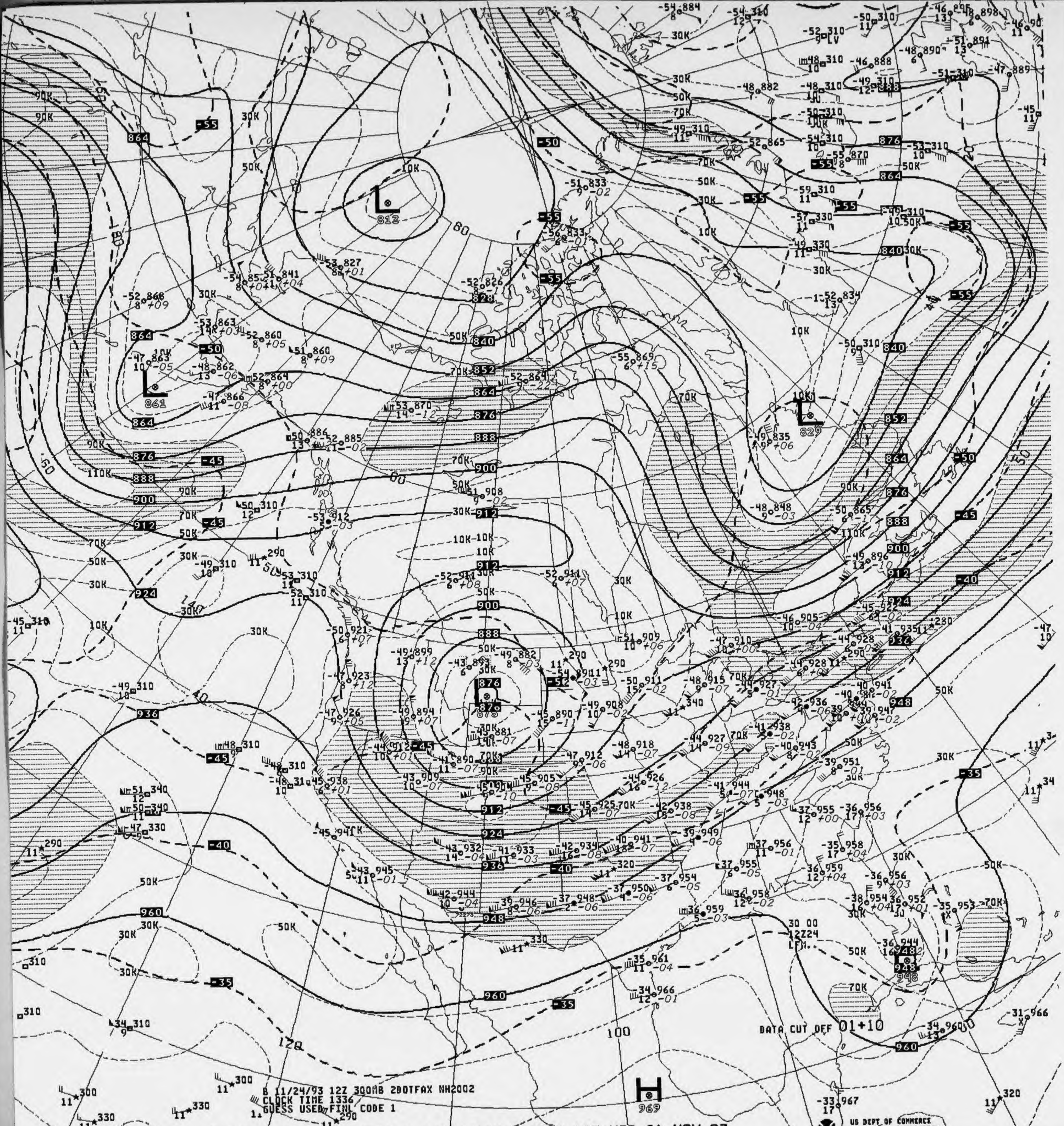
V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 23 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/24/93 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
30 00
00Z24
LFM..
L 809
L 885
H 890
L 829
L 878
L 946
H 969
H 969
816
828
840
852
864
876
888
900
912
924
936
948
960
-35
-40
-45
-50
-55
10K
30K
50K
70K
90K
110K
130K
40
50
60
80
100
120
140
160
180

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 24 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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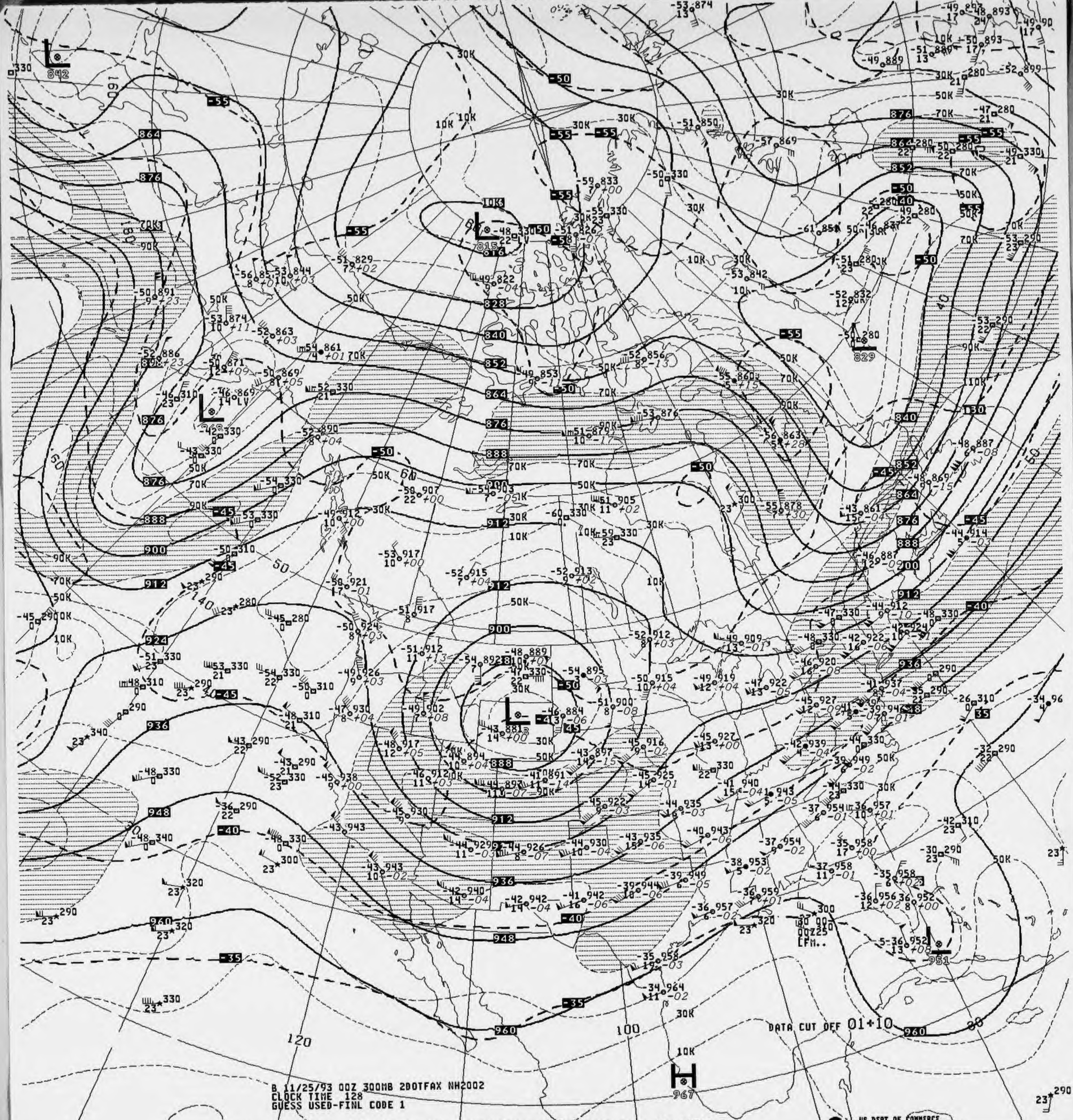
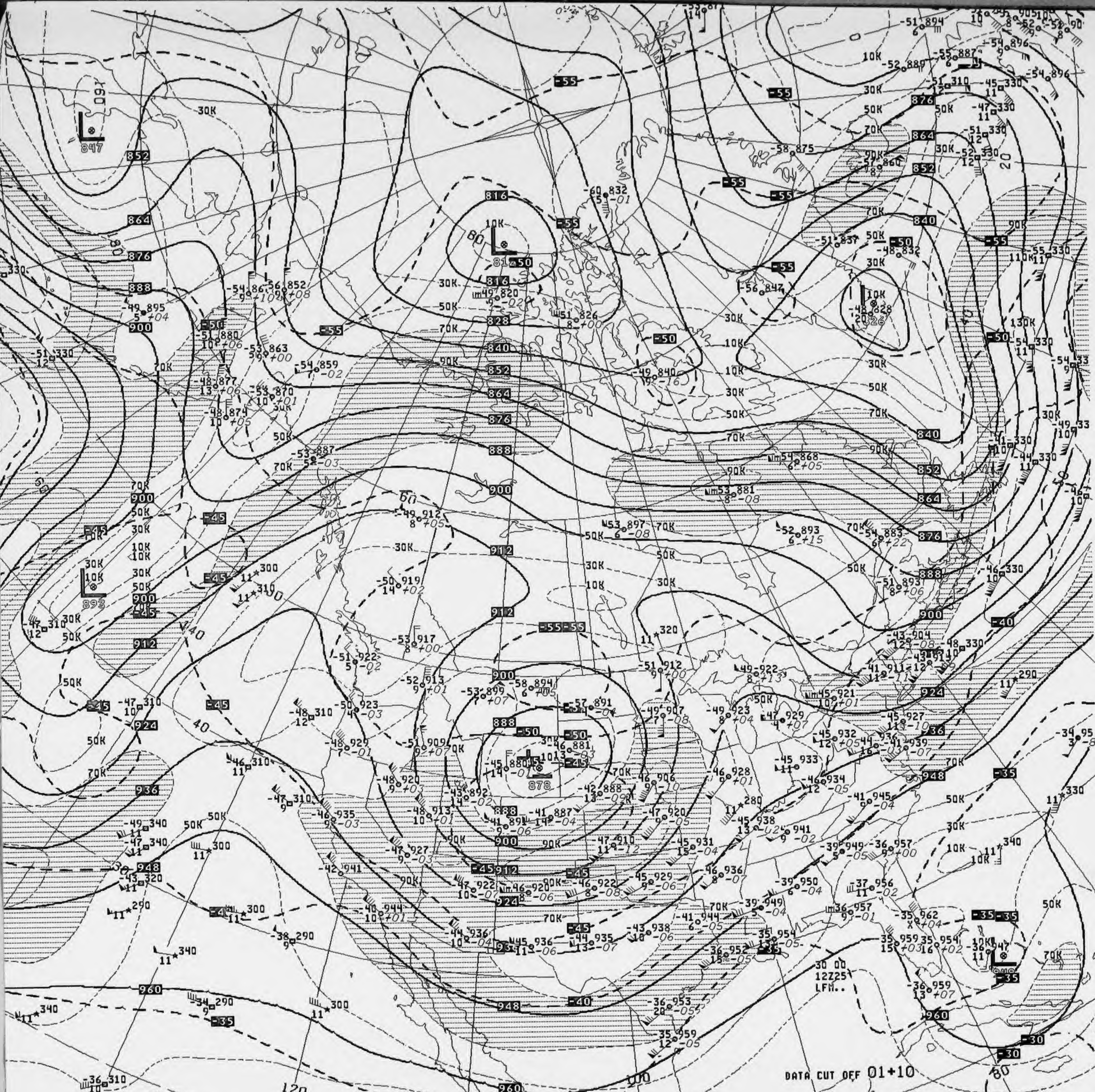
CLOCK TIME 1336
GUESS USED FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V433 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 24 NOV 93


B 11/25/93 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 128
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
L
842
L
815
L
829
L
928
L
H
967
L
951
120
100
80
140
160

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 25 NOV 93

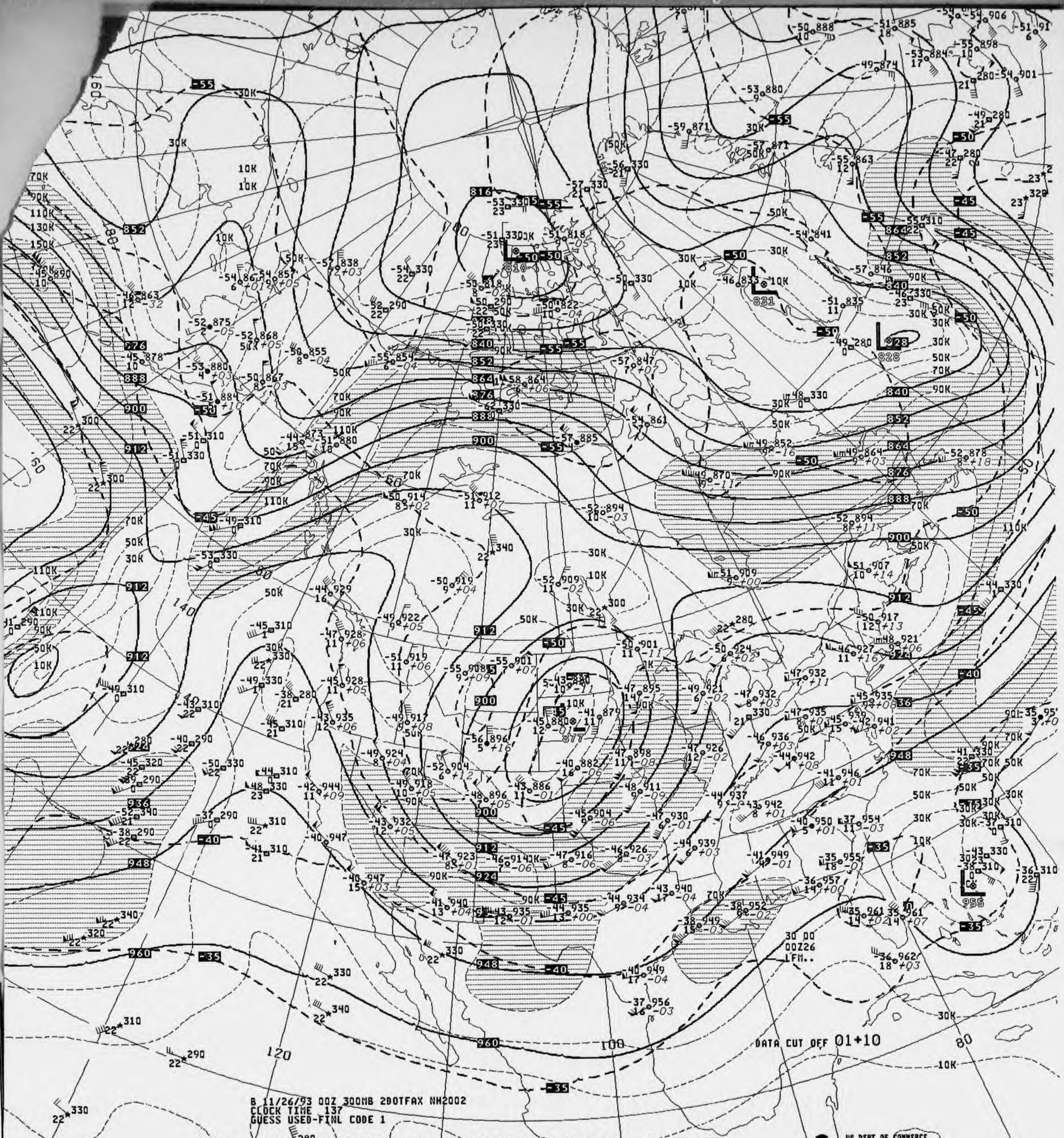


DATA CUT OFF 01+10
30 00
12Z25
LFM..
816
828
840
852
864
876
888
900
912
924
936
948
960
-55
-50
-45
-40
-35
-30
10K
30K
50K
70K
90K
110K
130K

B 11/25/93 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1331
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 25 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+10
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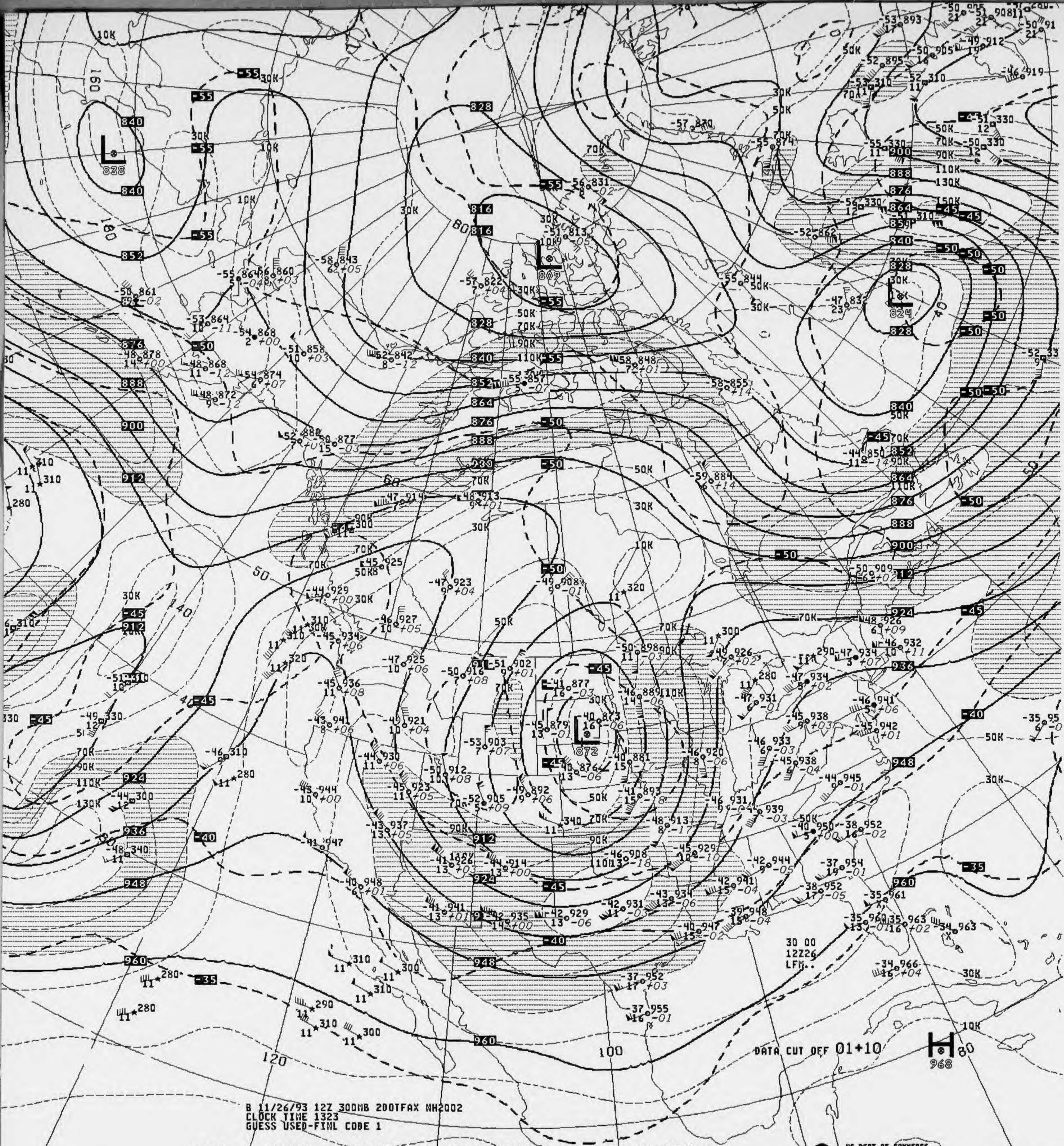
B 11/26/93 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 137
GUESS USED-FINL CODE 1

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 26 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

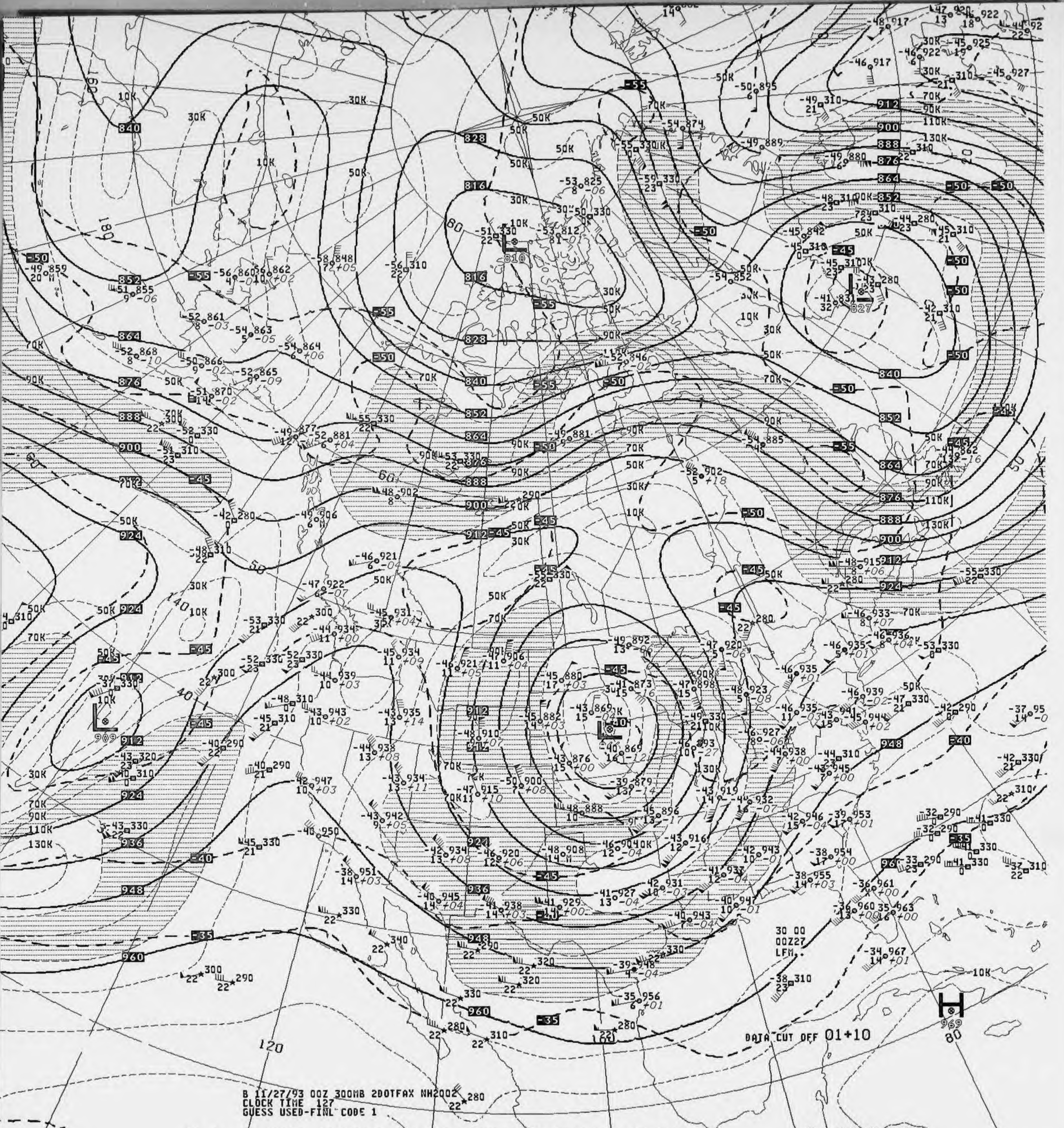
BEST AVAILABLE RECORD
DAMAGED DOCUMENT


L 838
L 809
L 824
L 872
H 968
DATA CUT OFF 01+10
30 00
12Z26
LFM..

B 11/26/93 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1323
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 26 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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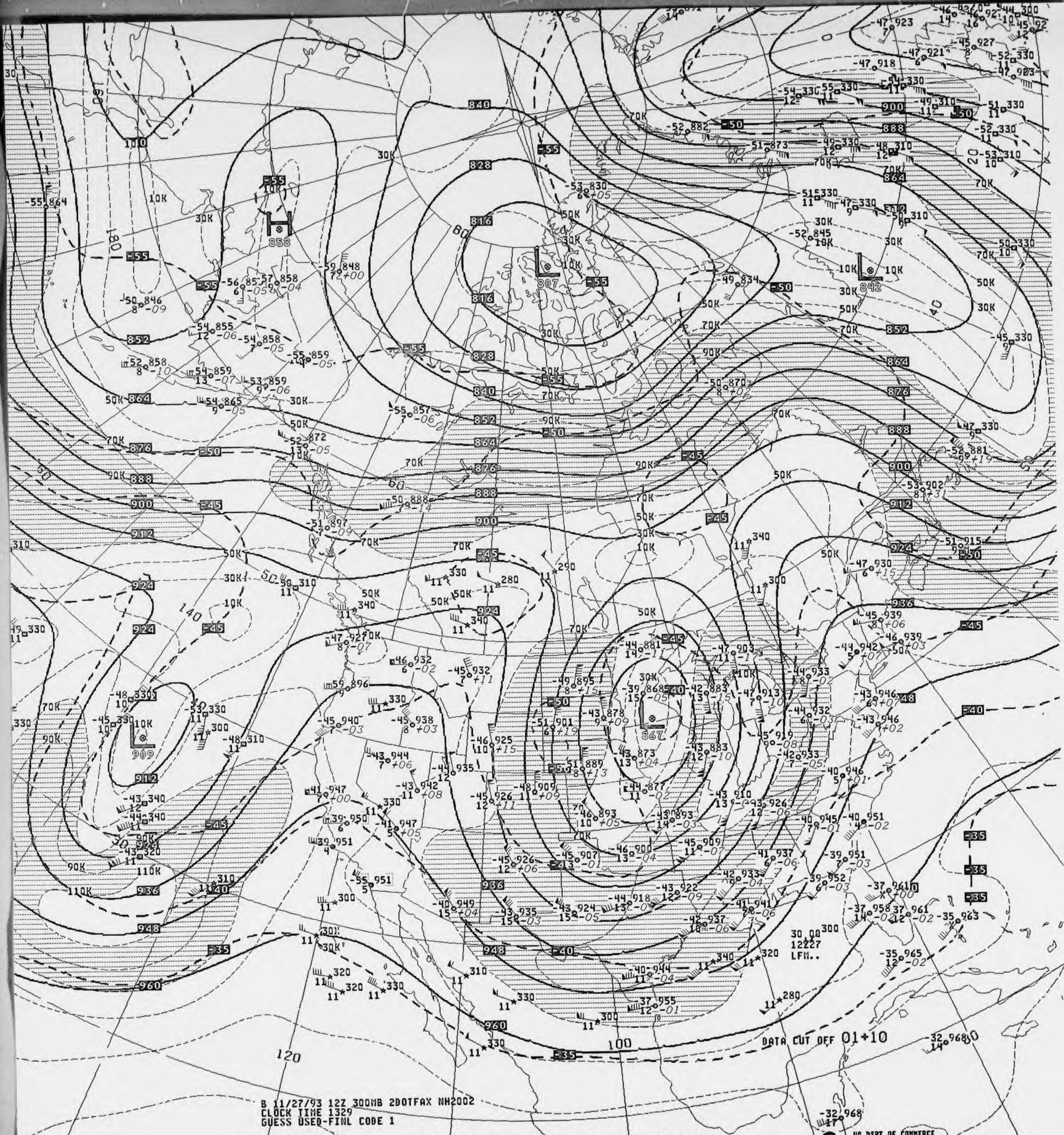
00Z27
LFM..
828
816
810
840
852
864
876
888
900
912
924
936
948
960
827
909
969
-35
-40
-45
-50
-55
10K
30K
50K
70K
90K
110K
130K
120
140
160
180
80
60
40
H

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 27 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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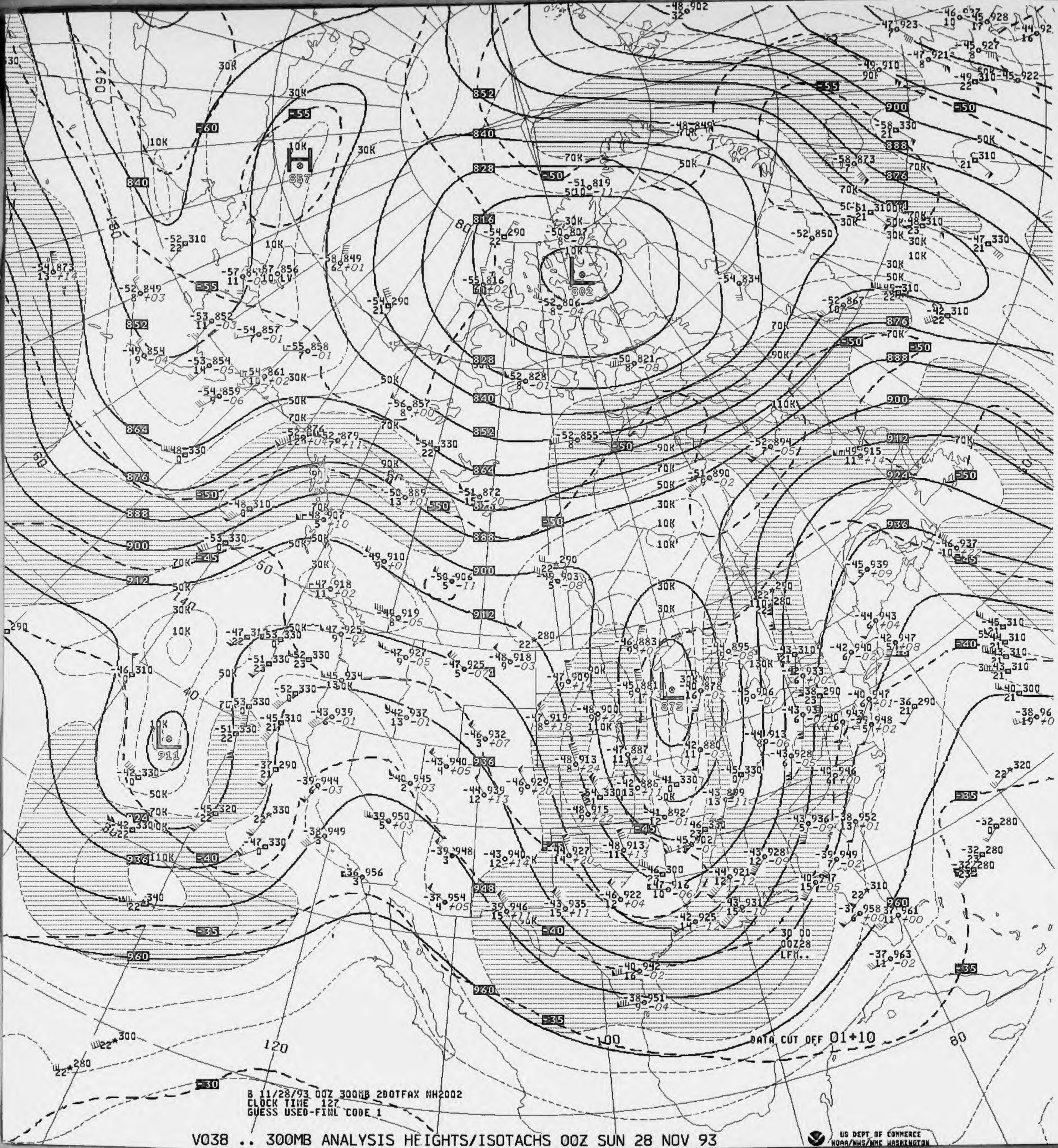
12227
LFM..
840
828
816
807
858
842
867
909
852
864
876
888
900
912
924
936
948
960
-55
-50
-45
-40
-35
10K
30K
50K
70K
90K
110K

B 11/27/93 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1329
GUESS USED-FINL CODE 1

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 27 NOV 93



DATA CUT OFF 01+10
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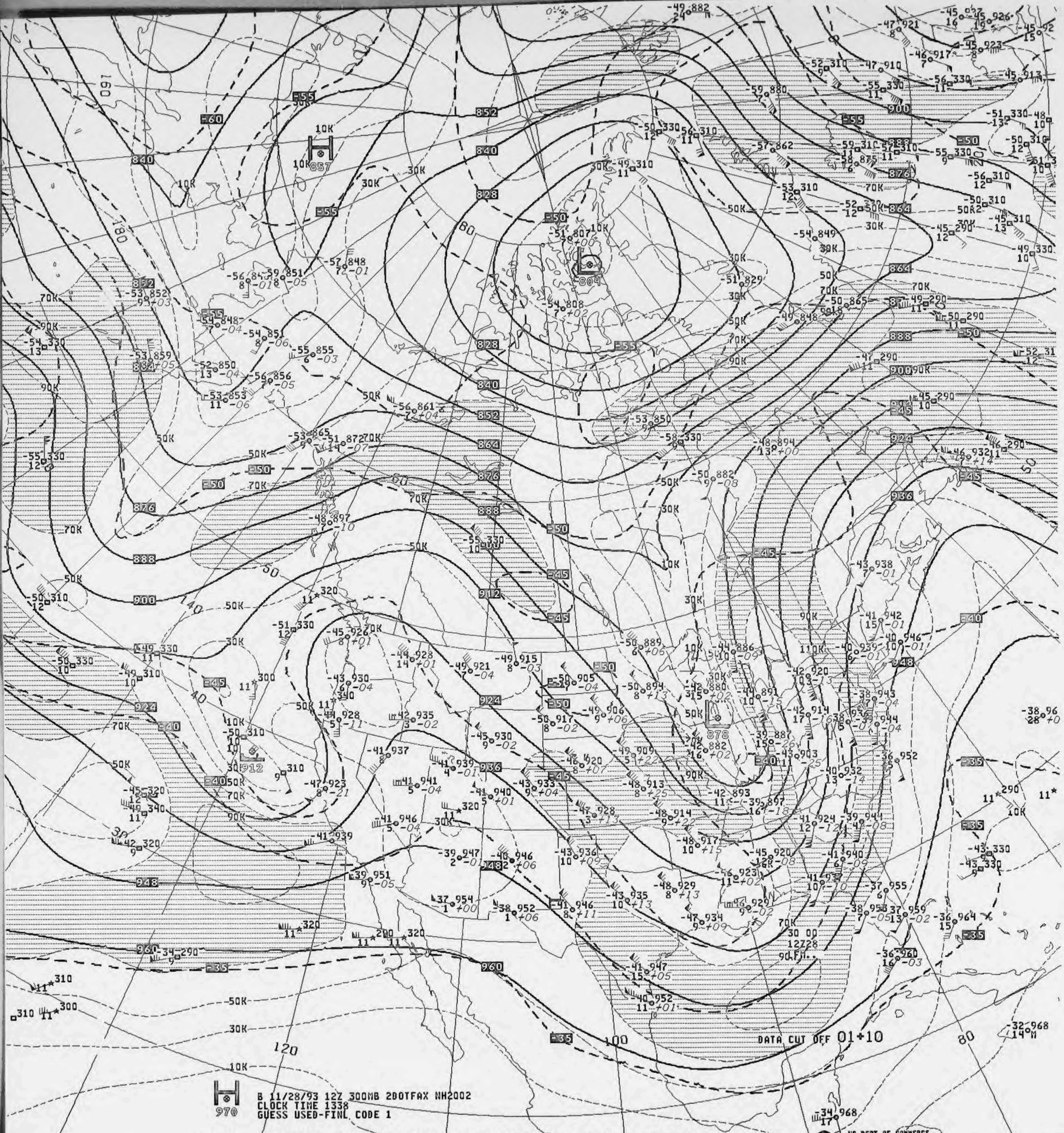
100
80

B 11/28/93 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 28 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+10
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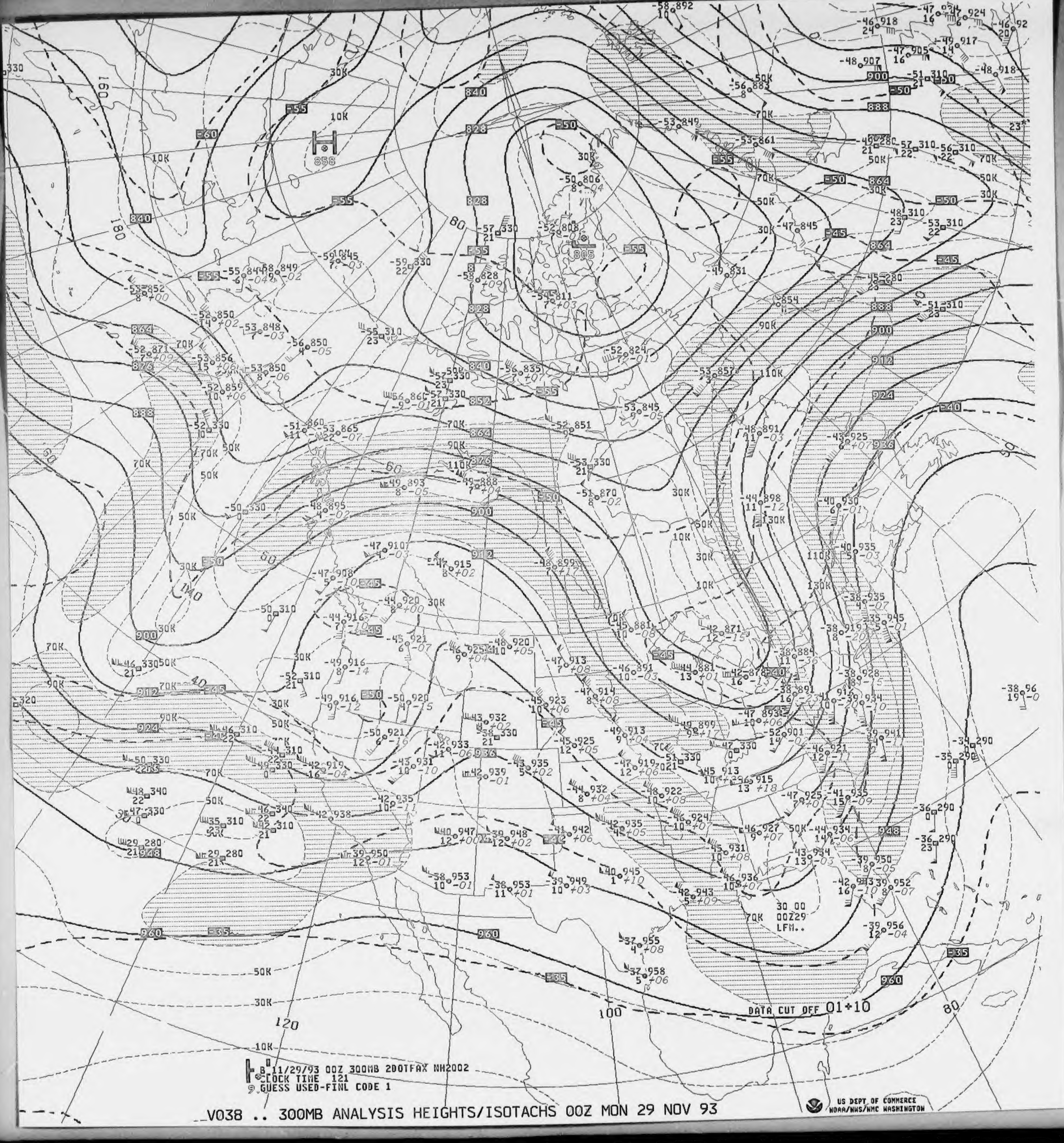
H 857
L 804
L 878
L 912
852
840
828
864
876
888
900
912
924
936
948
960
-60
-55
-50
-45
-40
-35
160
180
140
120
100
80
60
50
40
30
10K
30K
50K
70K
90K
110K

B 11/28/93 12Z 300MB 2D0TFAX NH2002
CLOCK TIME 1338
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 28 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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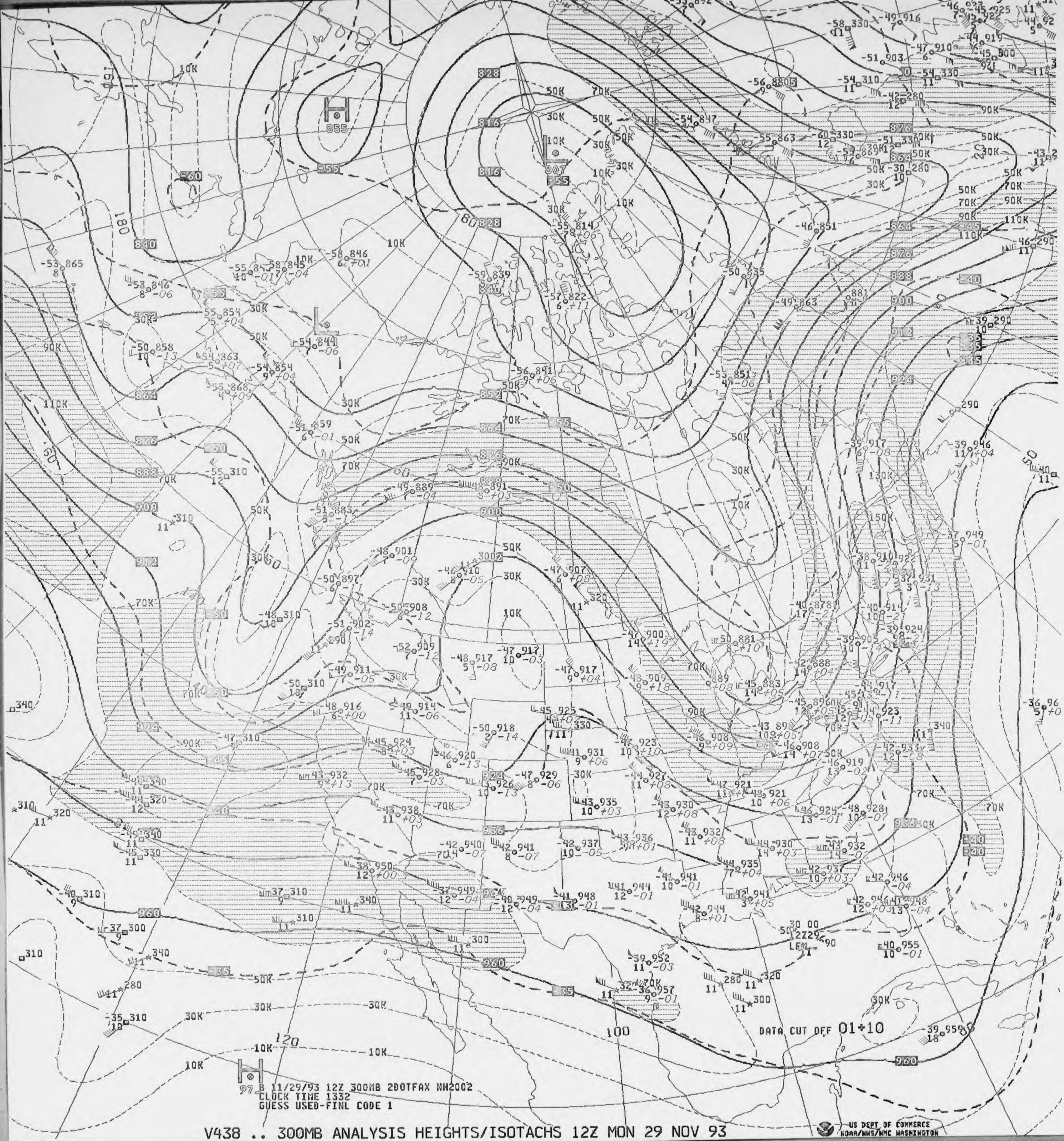
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 29 NOV 93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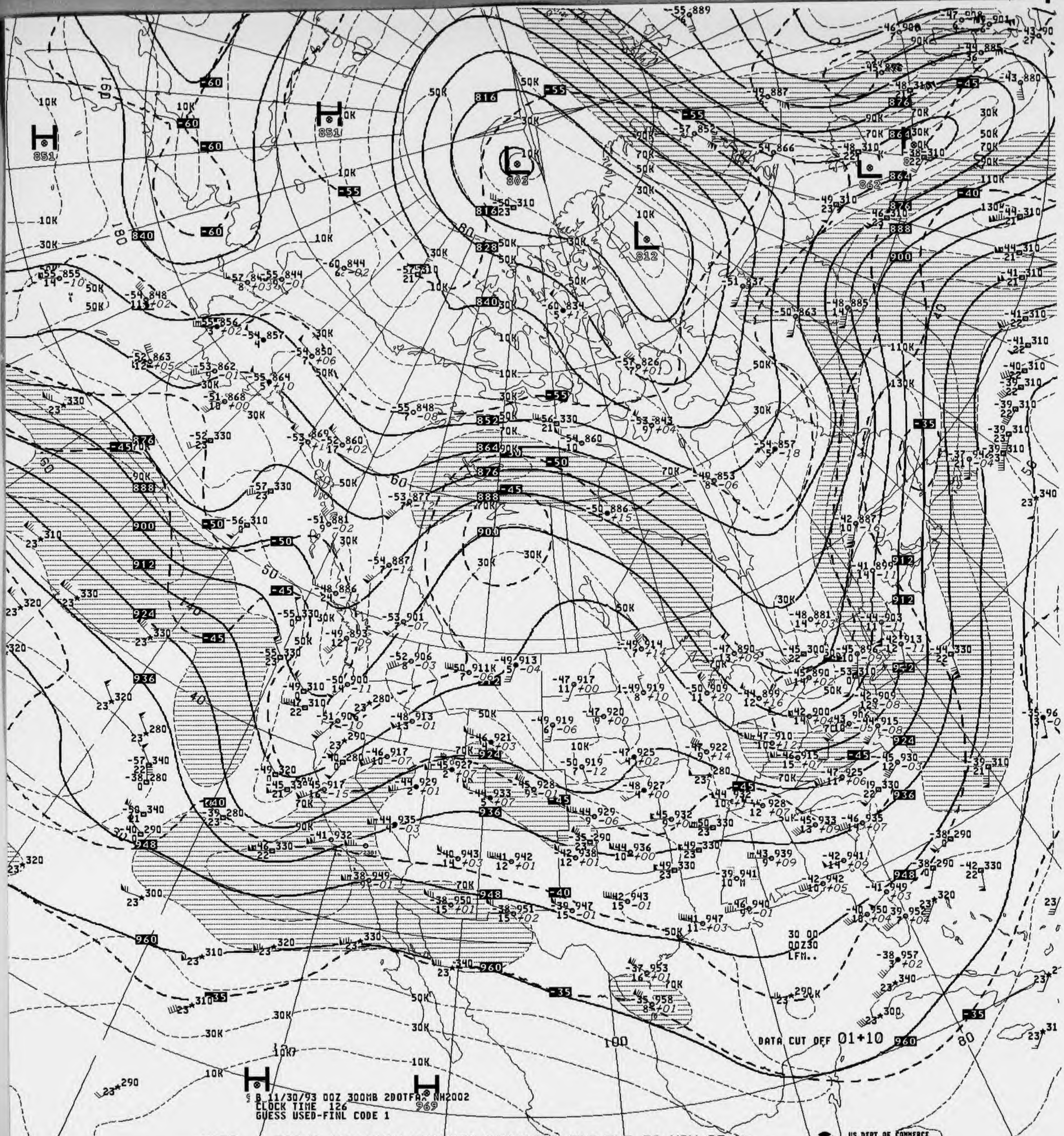
V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 29 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 126
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DATA CUT OFF 01+10
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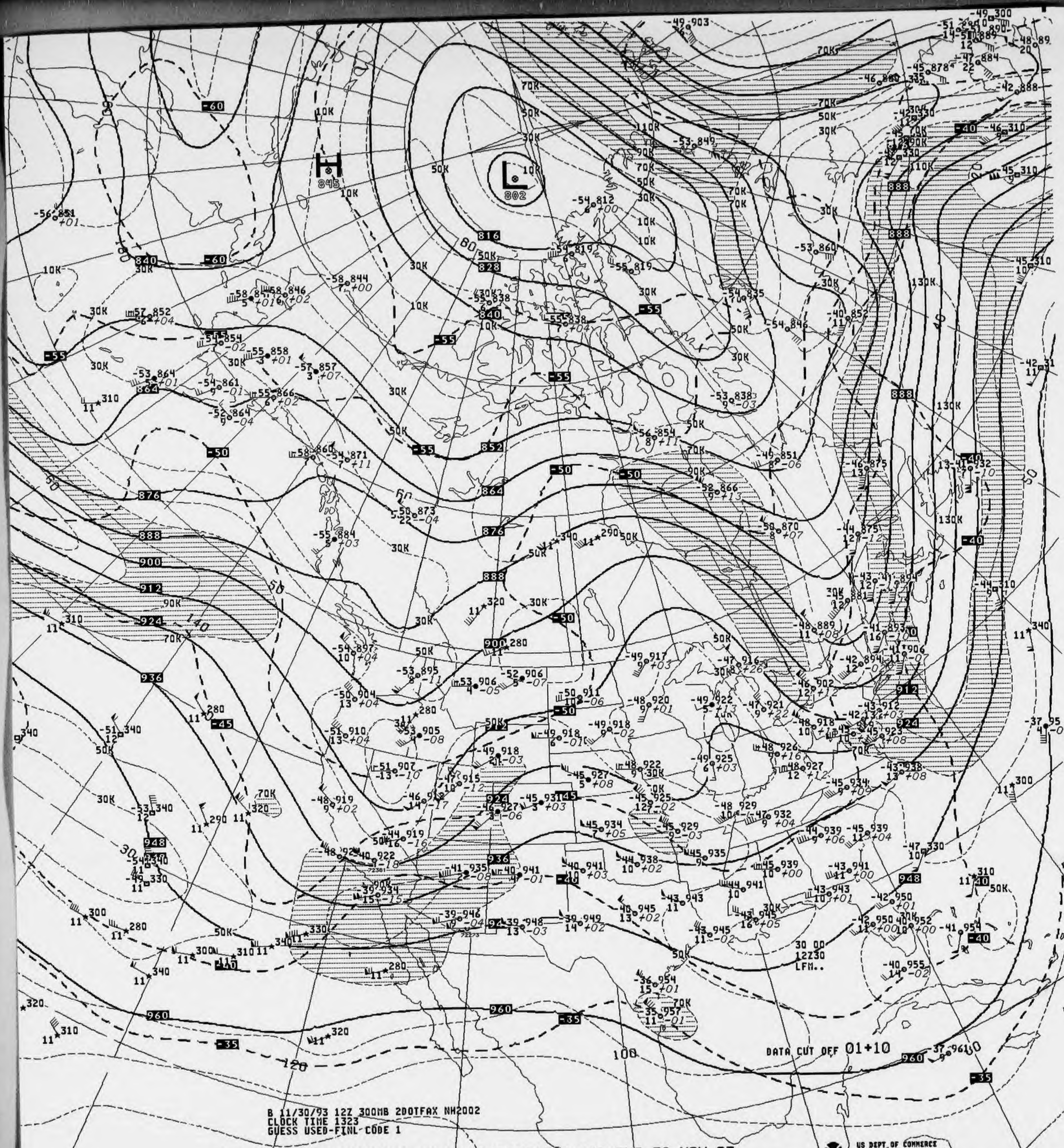
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 30 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
845
L
802
DATA CUT OFF 01+10
30 00
12Z30
LFM..

B 11/30/93 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1323
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 30 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

AA Form 48 - 364A
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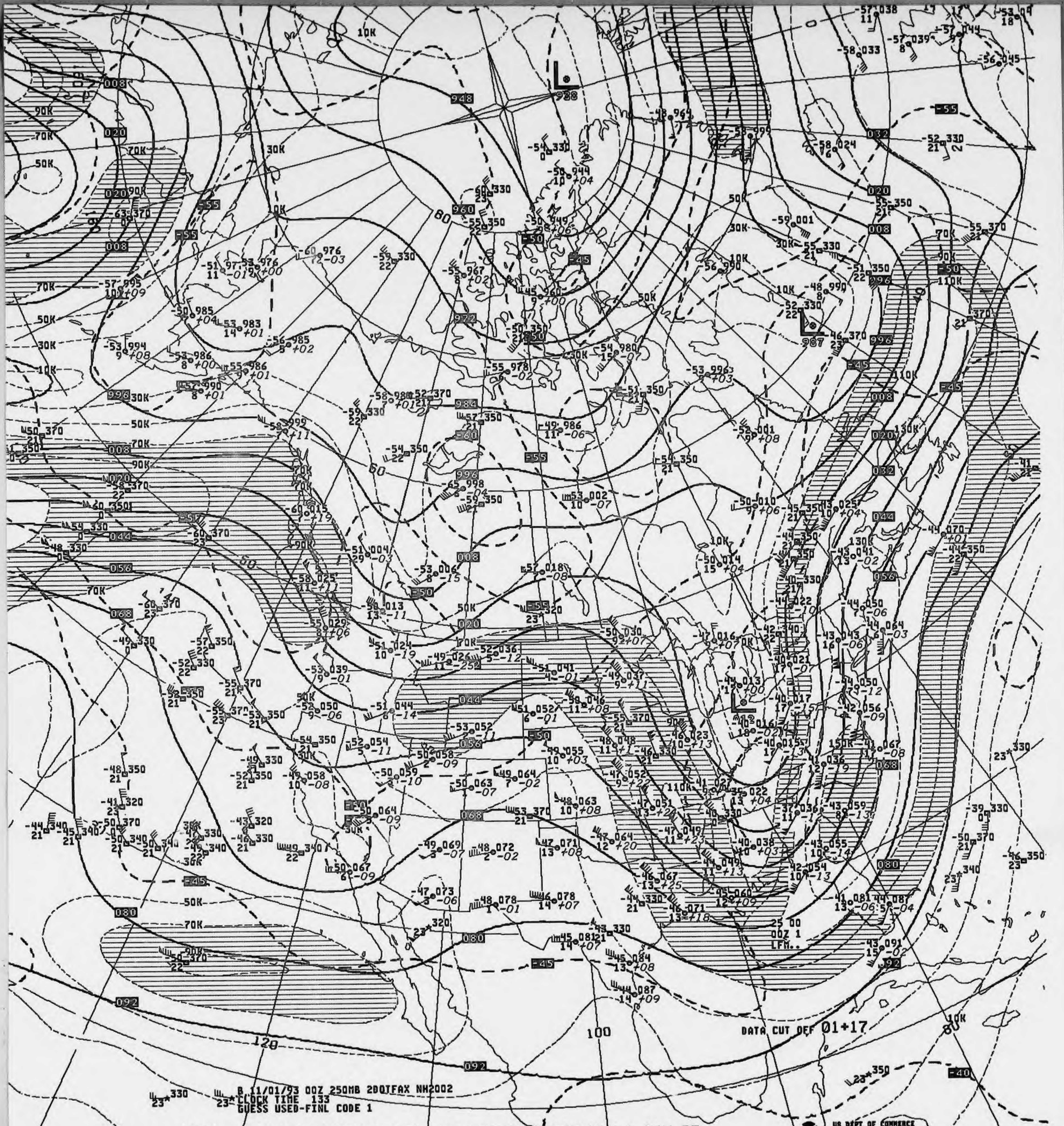
U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

250 MB CONSTANT PRESSURE CHARTS

NORTH AMERICAN NMC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING


B 11/01/93 00Z 250MB 200TFAX NH2002
CLOCK TIME 133
GUESS USED-FINL CODE 1
DATA CUT OFF 01+17
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00Z 1
LFM..
L
928
L
987
L
008
020
032
044
056
068
080
092
948
960
972
984
996
-40
-45
-50
-55
-60
10K
30K
50K
70K
90K
110K
130K
150K
60
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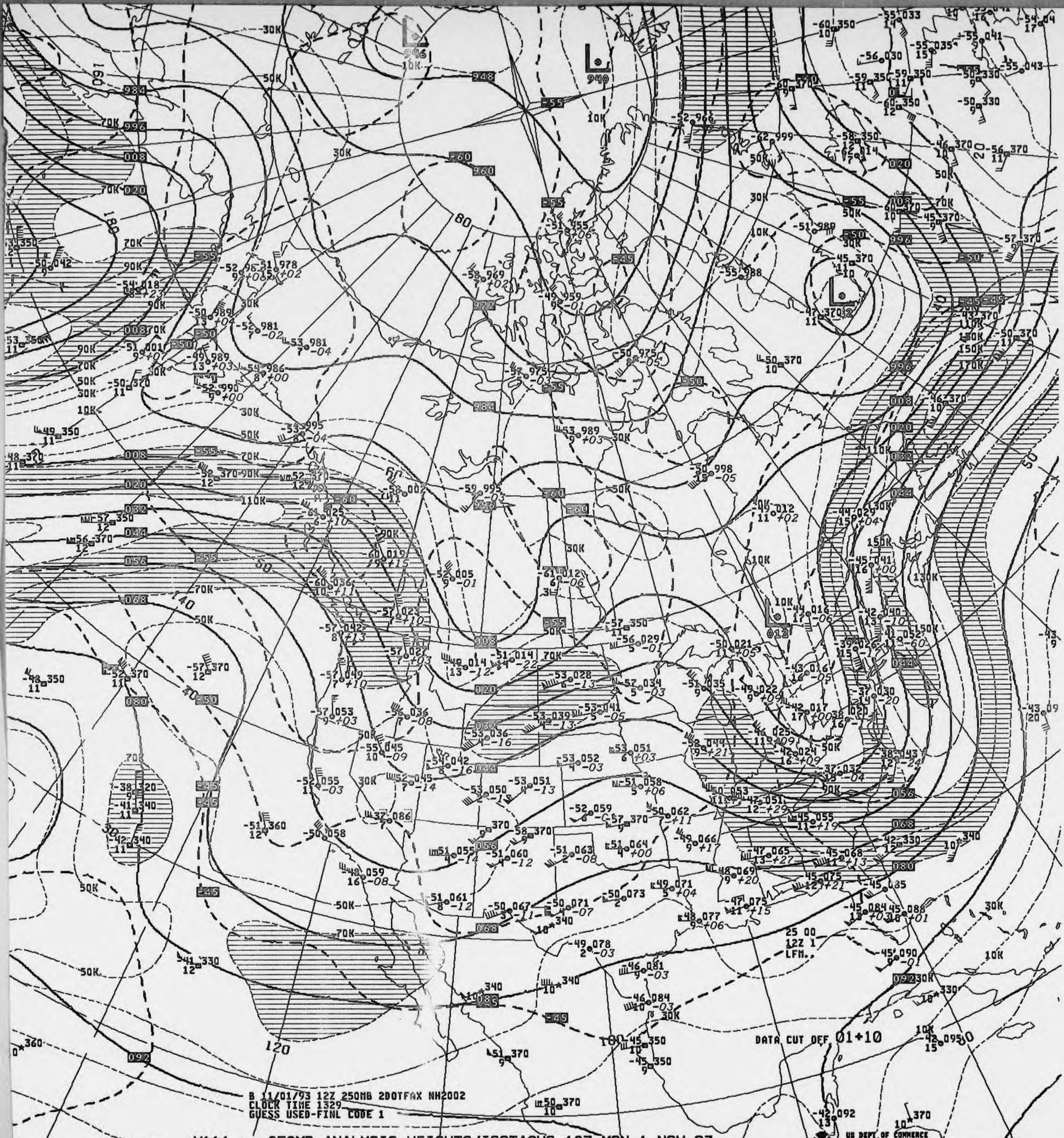
100
120

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 1 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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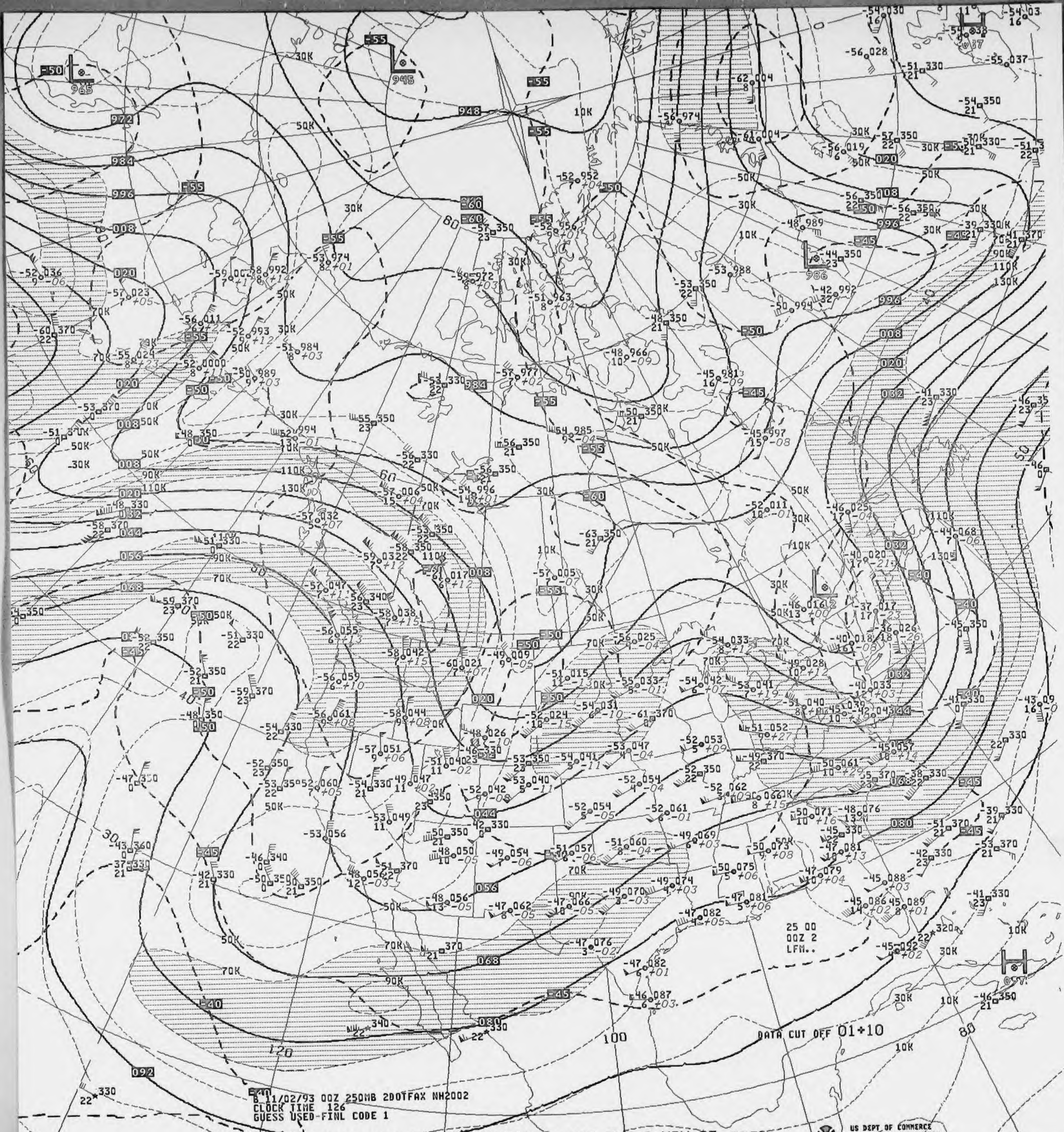
LFM..
B 11/01/93 12Z 250MB 200TFAX NH2002
CLOCK TIME 1329
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 1 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 126
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
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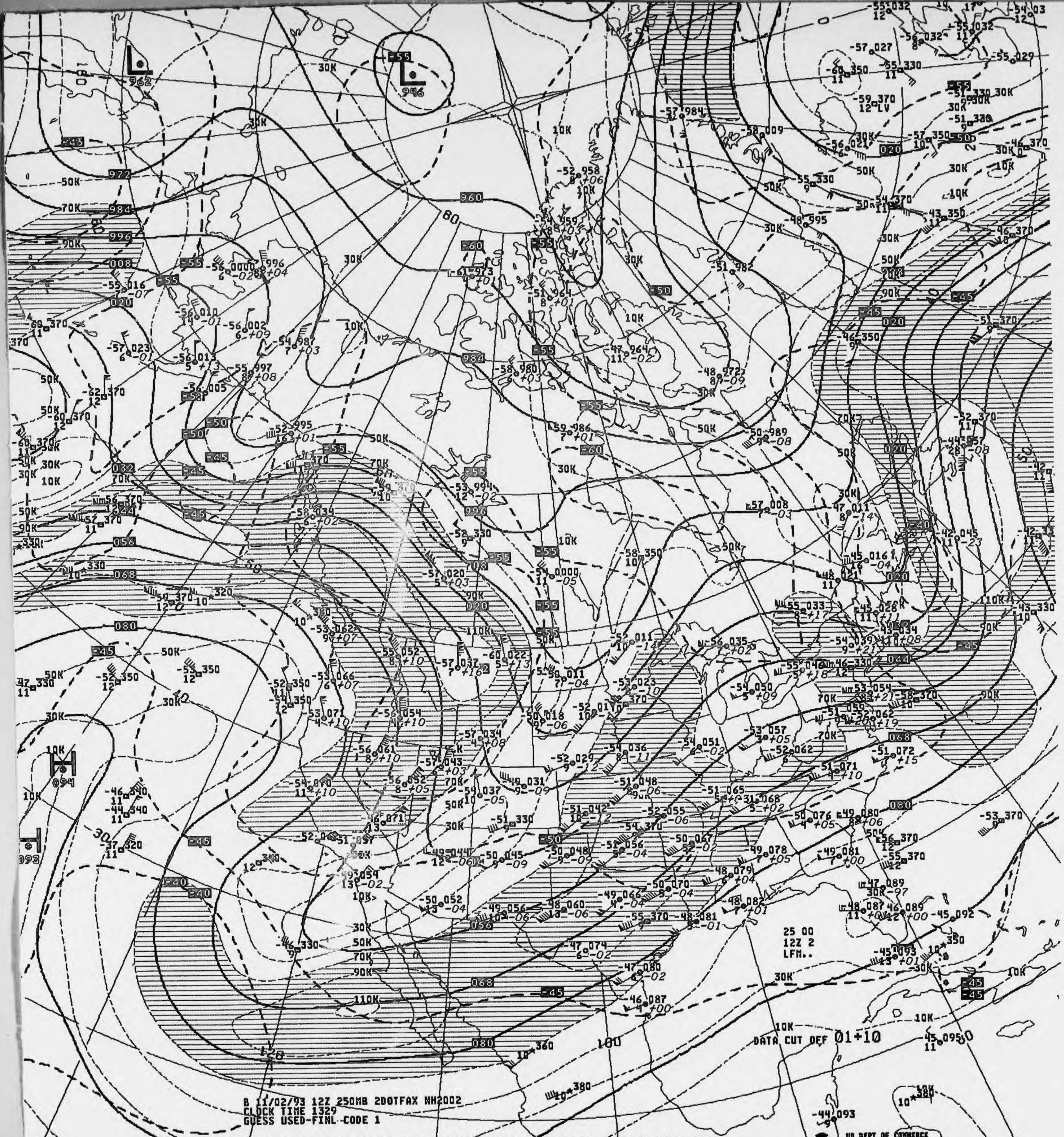
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 2 NOV 93


25 00
12Z 2
LFM..
DATA CUT OFF 01+10

B 11/02/93 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1329
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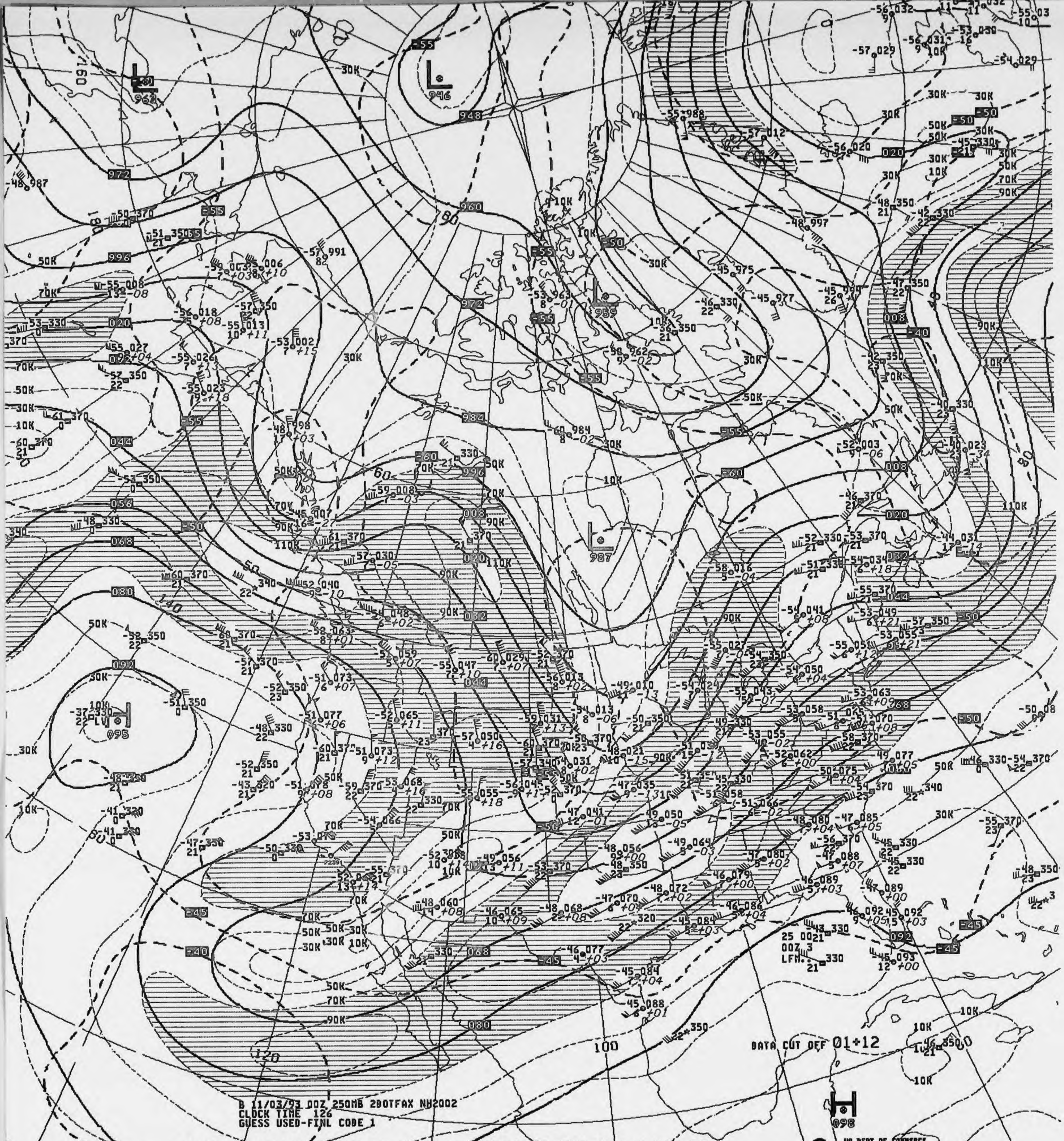
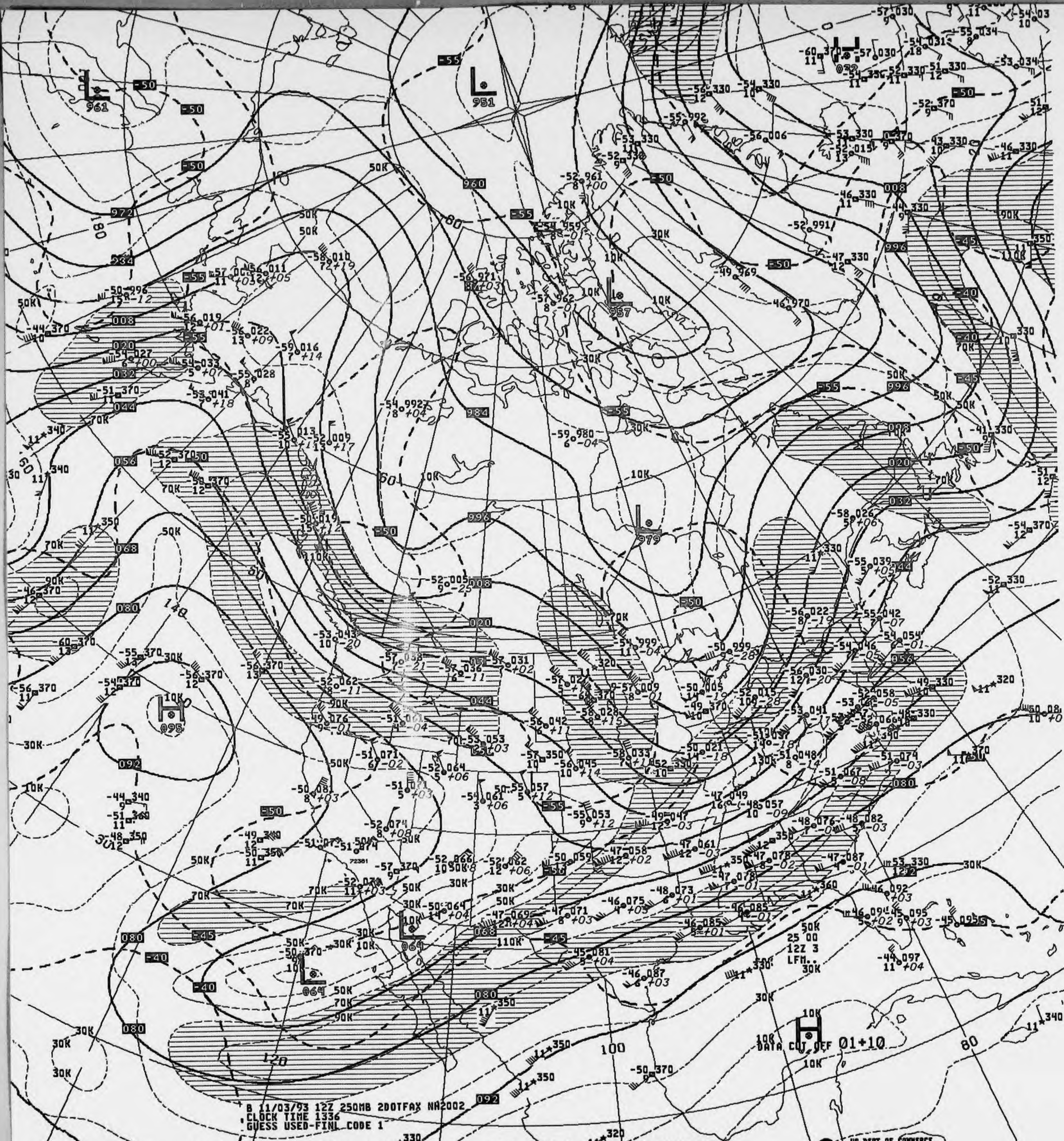
V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 2 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+12
B 11/03/93 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 126
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 3 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 961
L 951
L 957
L 979
L 064
L 069
H 095
H 039
972
984
960
996
008
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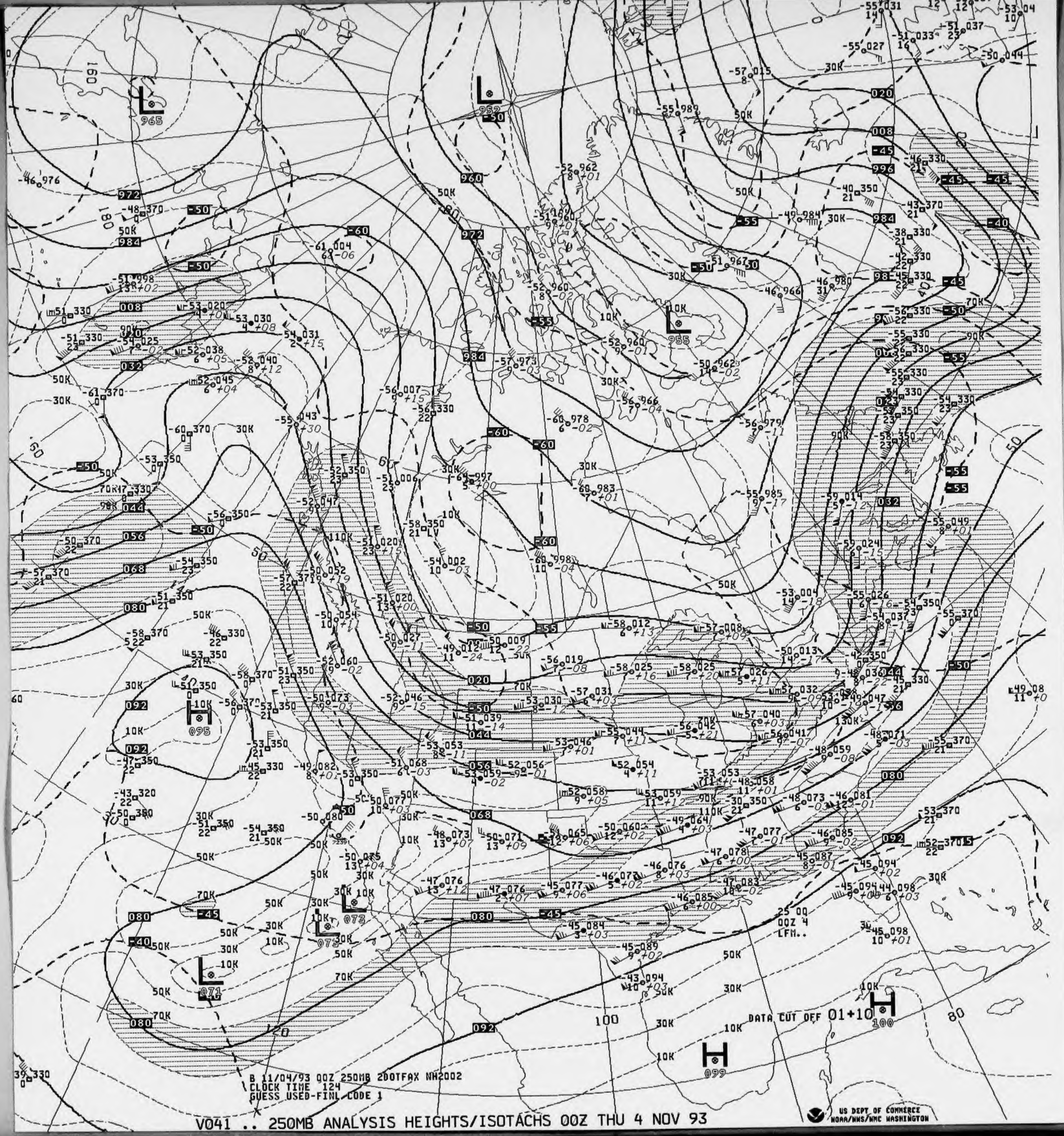
044
056
068
080
092
-50
-55
-45
-40
50K
70K
90K
110K
10K
30K
140
120
100
80
60
180
25 00
12Z 3
LFM..
DATA CUT OFF 01+10
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 11/03/93 12Z 250MB 2DOTFAX NA2002
CLOCK TIME 1336
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 3 NOV 93


B 11/04/93 00Z 250MB 200TFAX NH2002
CLOCK TIME 124
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
00Z 4
LFM..
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L 952
L 955
L 073
L 073
L 071
H 095
H 100
H 099
972
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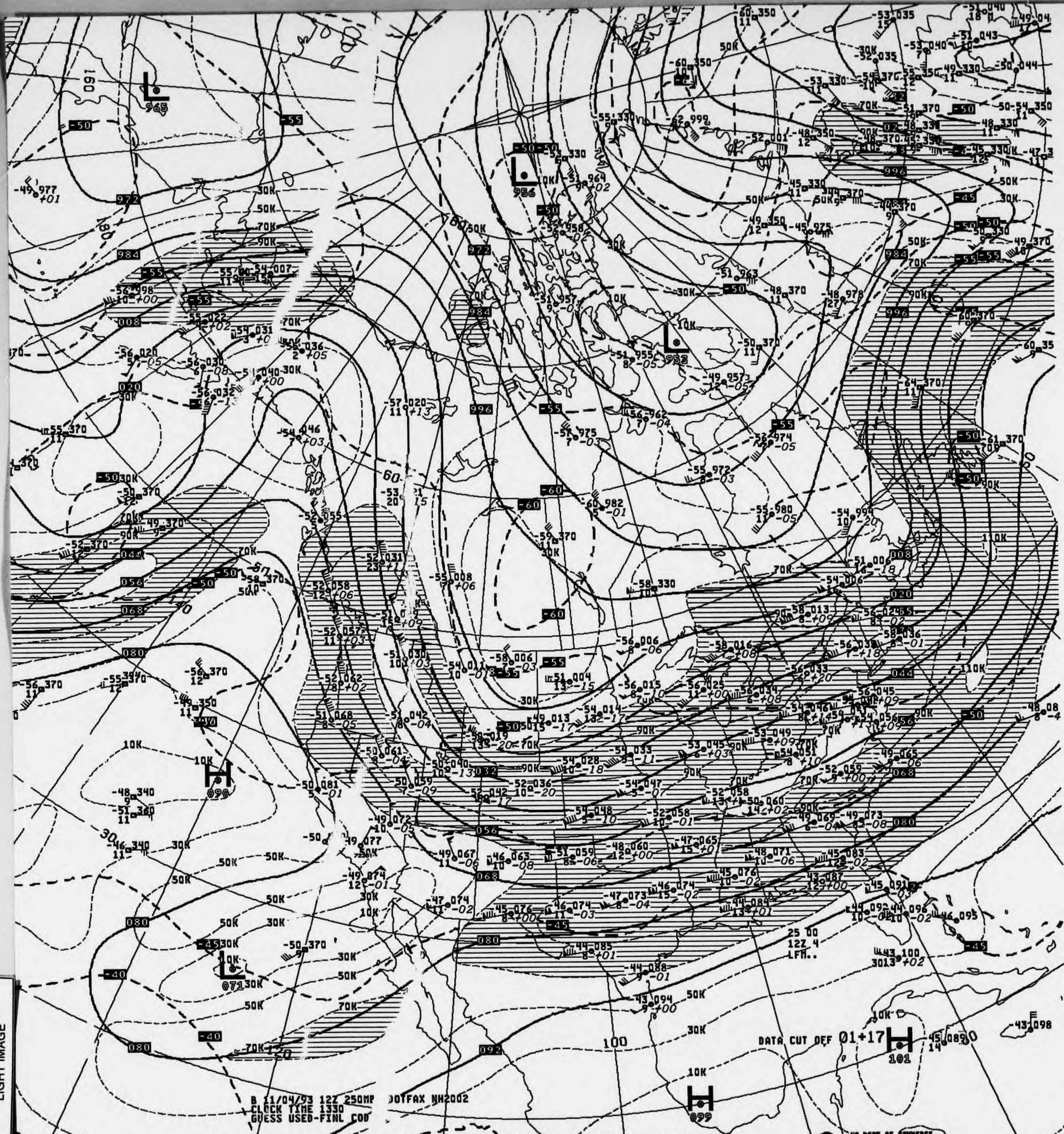
032
044
056
068
080
092
020
996
160
180
120
100
80
50K
30K
10K
70K
90K
110K
130K

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 4 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

BEST AVAILABLE RECORD
LIGHT IMAGE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CLOCK TIME 1330
GUESS USED-FINL COD
DATA CUT OFF 01+17
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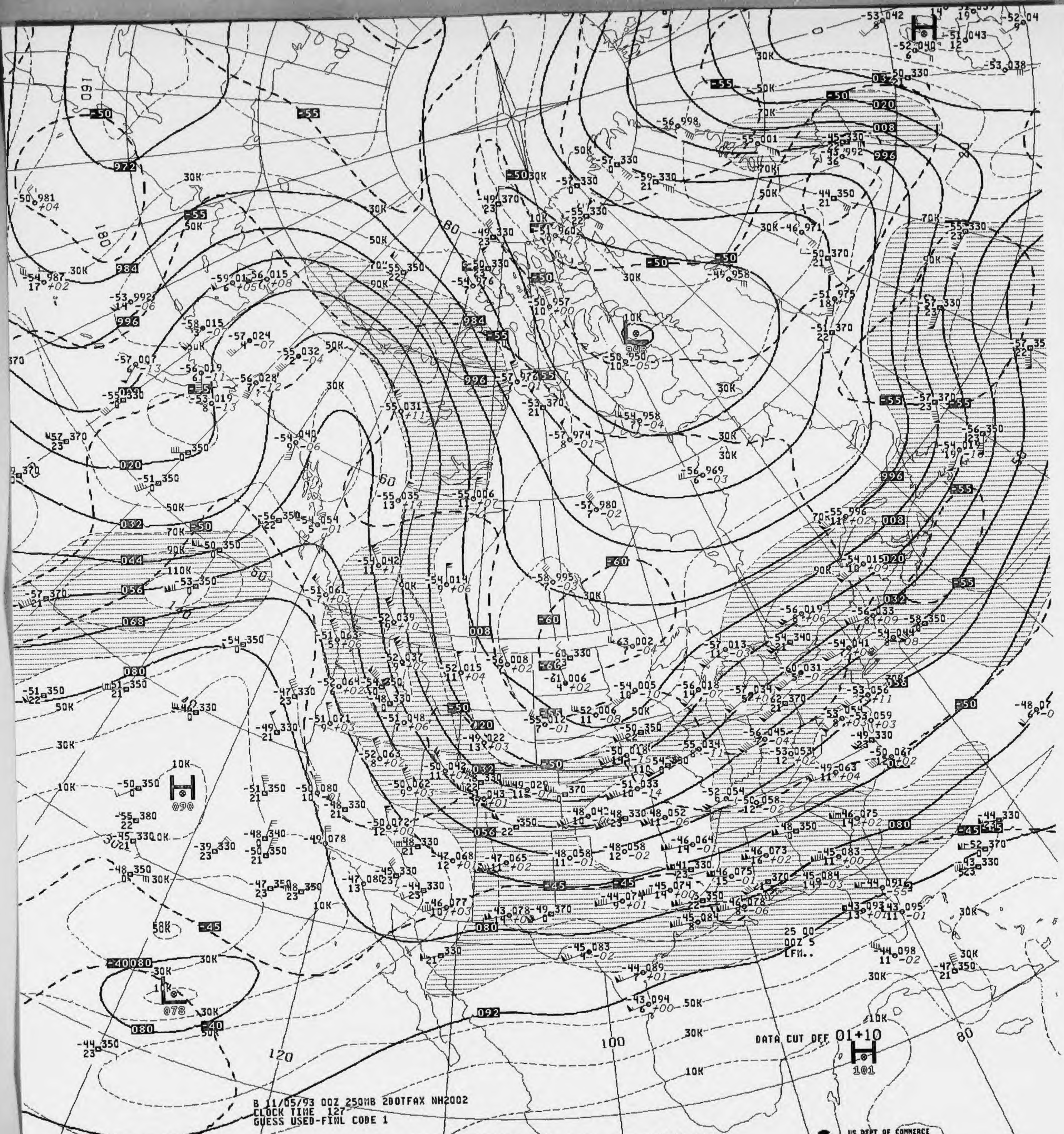
12Z 4
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 4 NOV 93


B 11/05/93 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
25 00
00Z 5
LFM..
H
L
972
984
996
008
020
032
044
056
068
080
092
090
078
101
-40
-45
-50
-55
-60
-66
10K
30K
50K
70K
90K
110K
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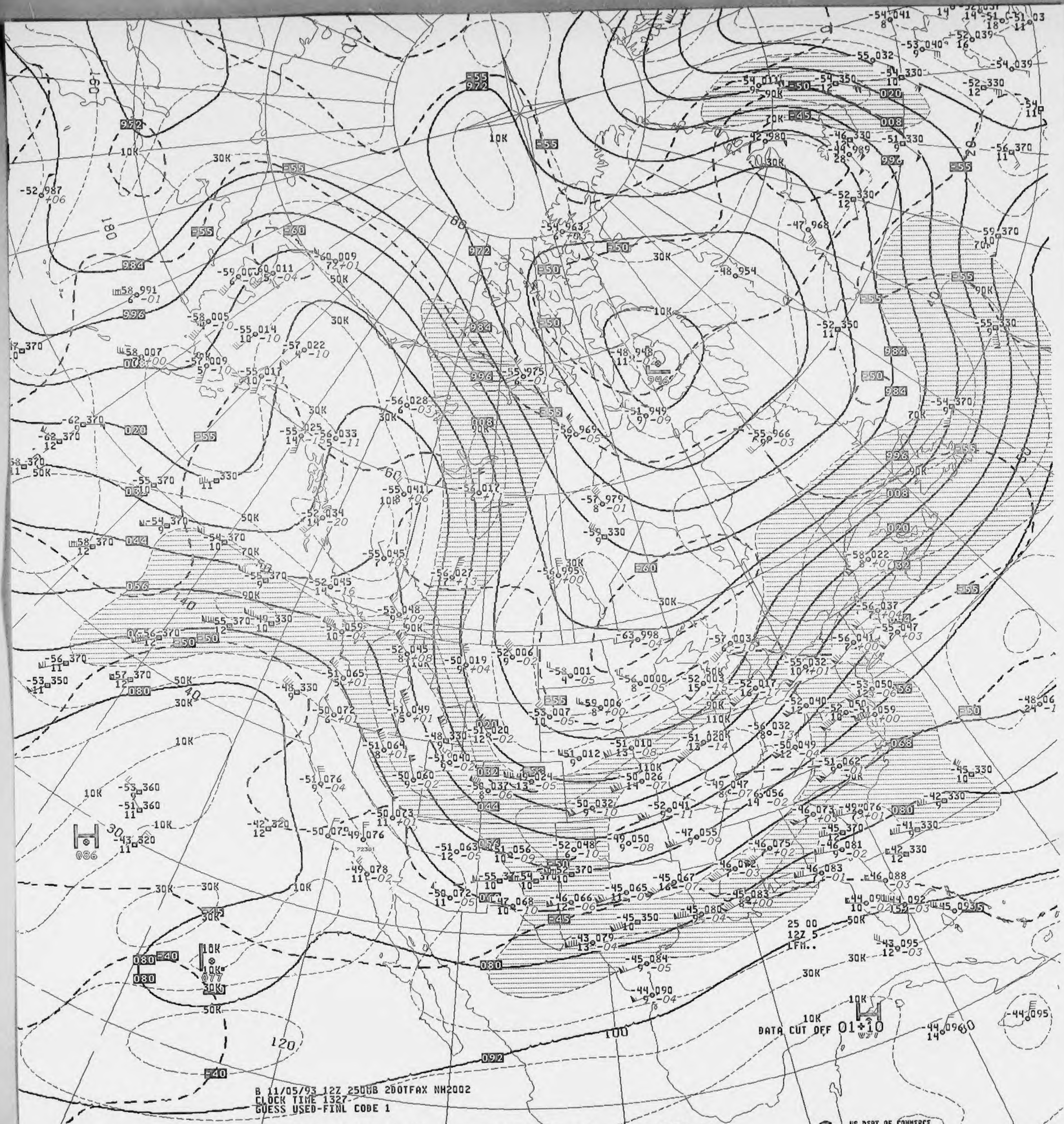
180
120
100
80
60
40
30
140

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 5 NOV 93


DATA CUT OFF 01+10
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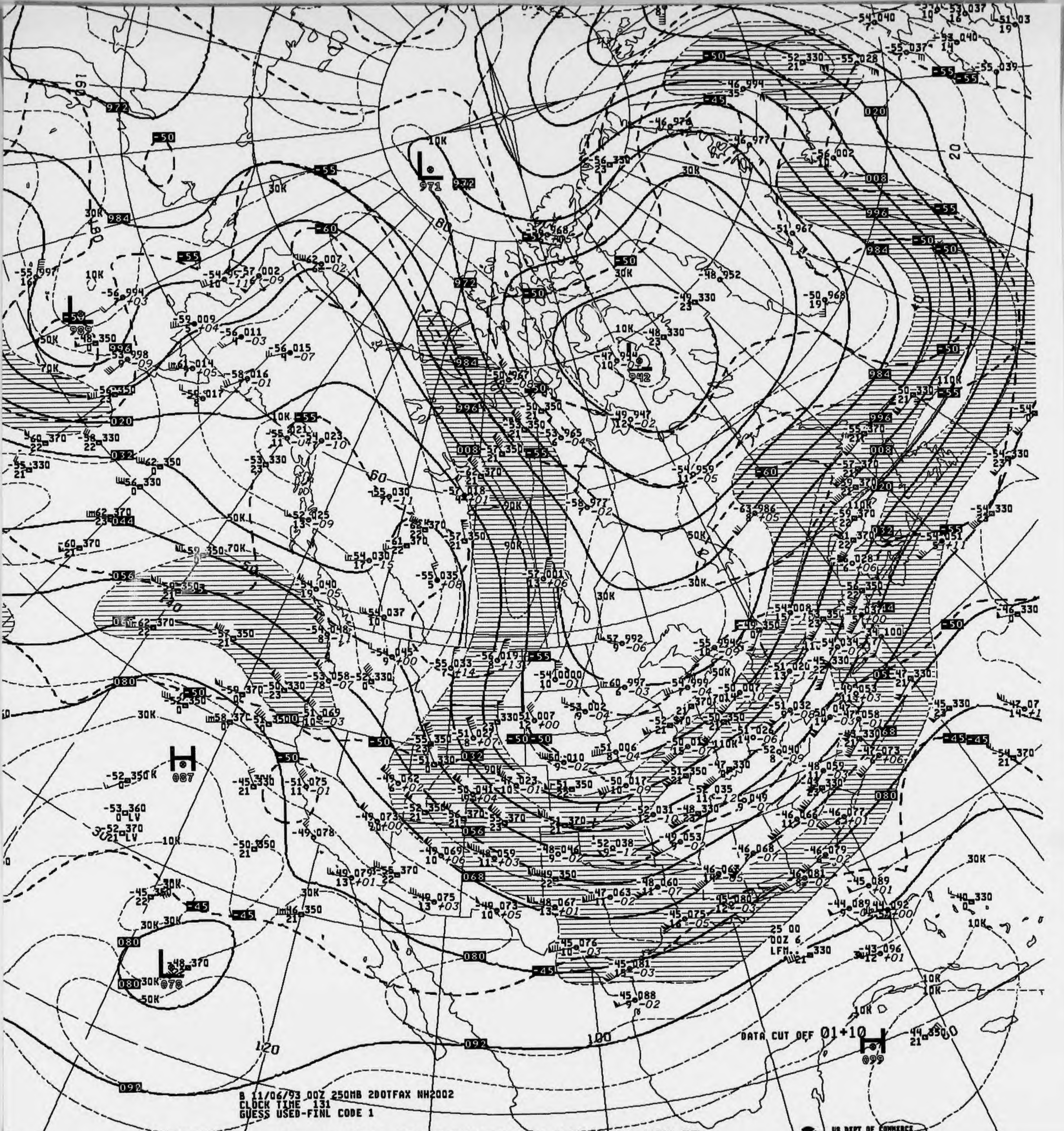
LFM..

B 11/05/93 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1327
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 5 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/06/93 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 131
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
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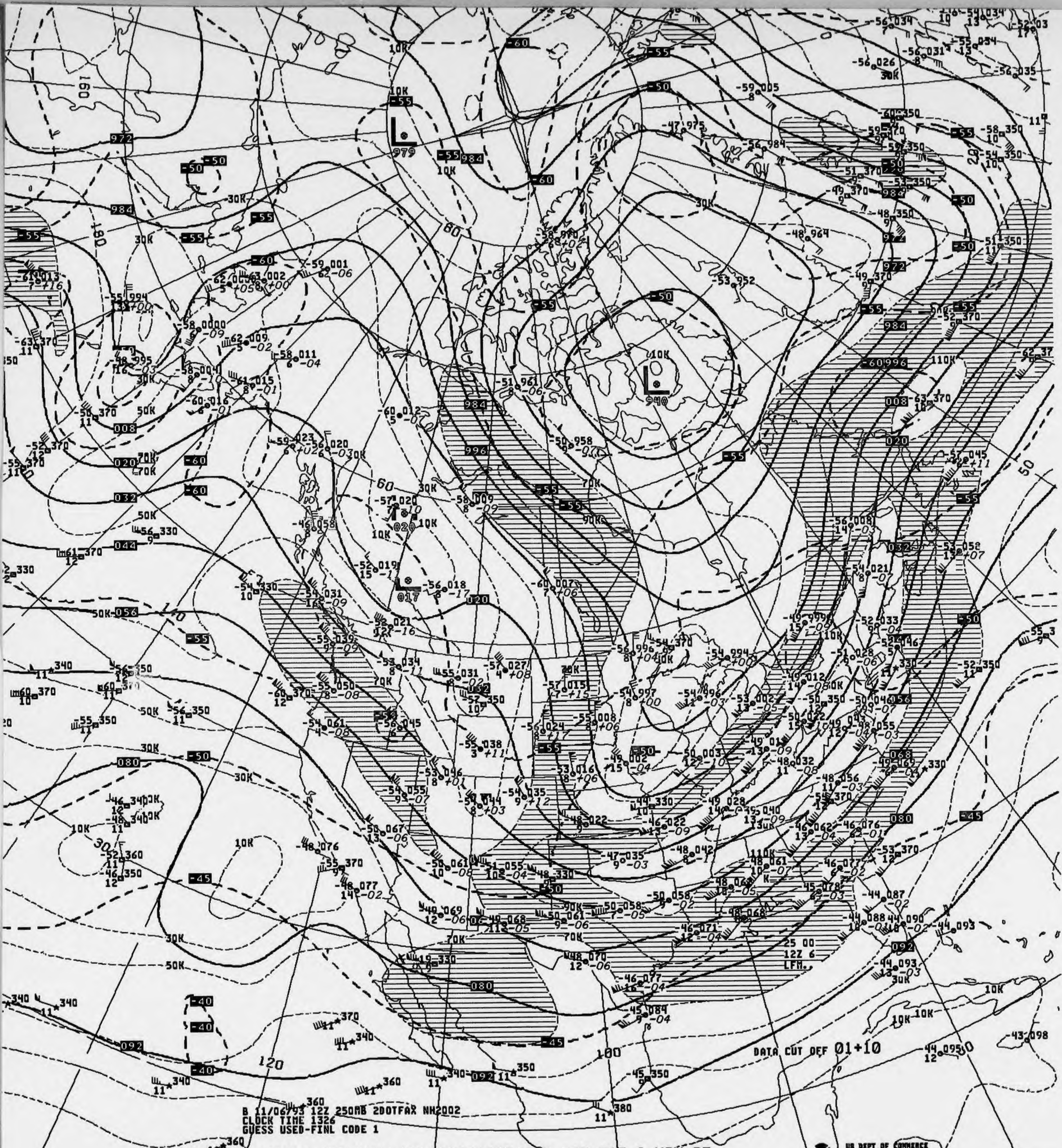
LFM
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 6 NOV 93



DATA CUT OFF 01+10
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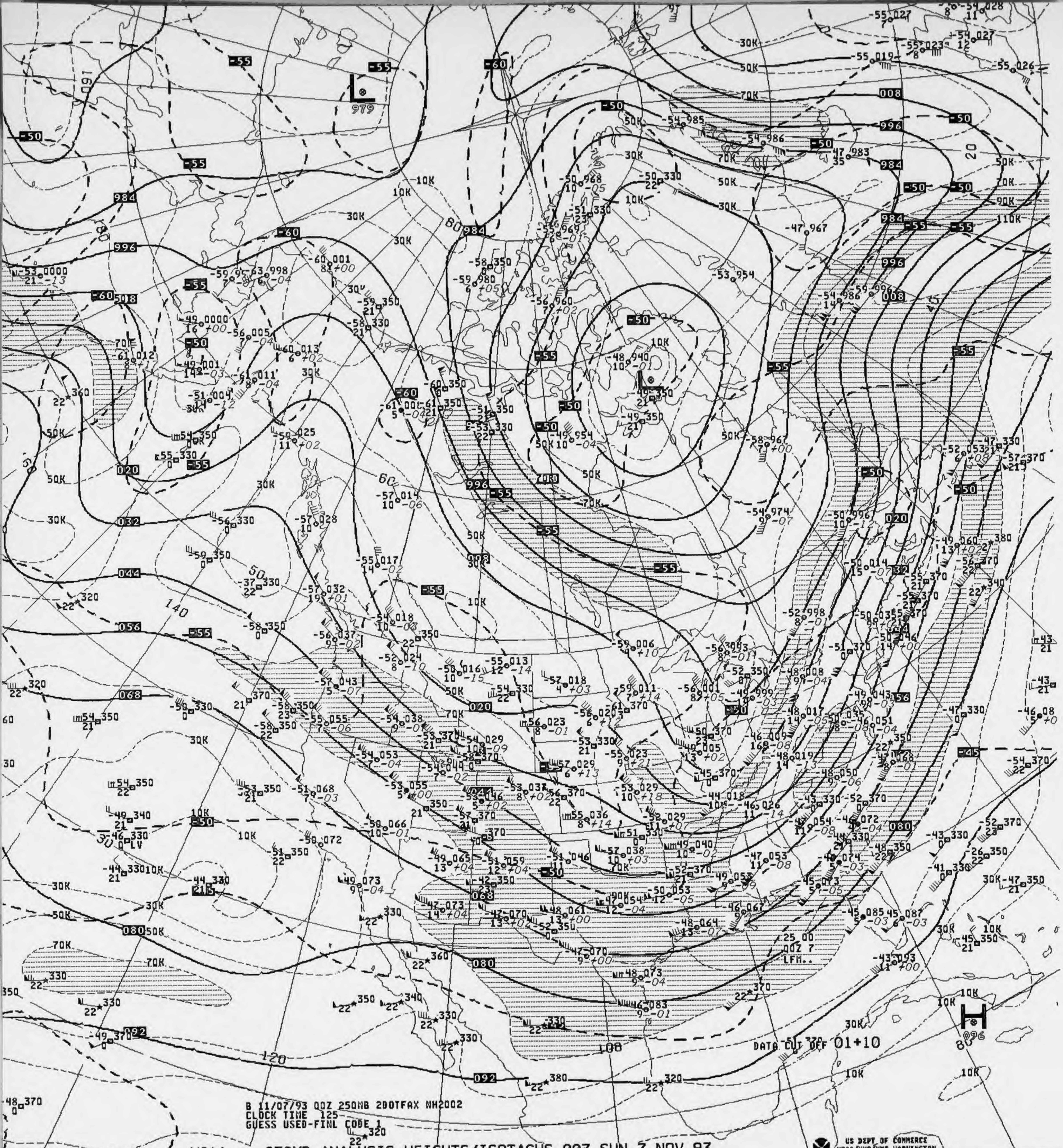
12Z 6
LFM.

B 11/06/93 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1326
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 6 NOV 93

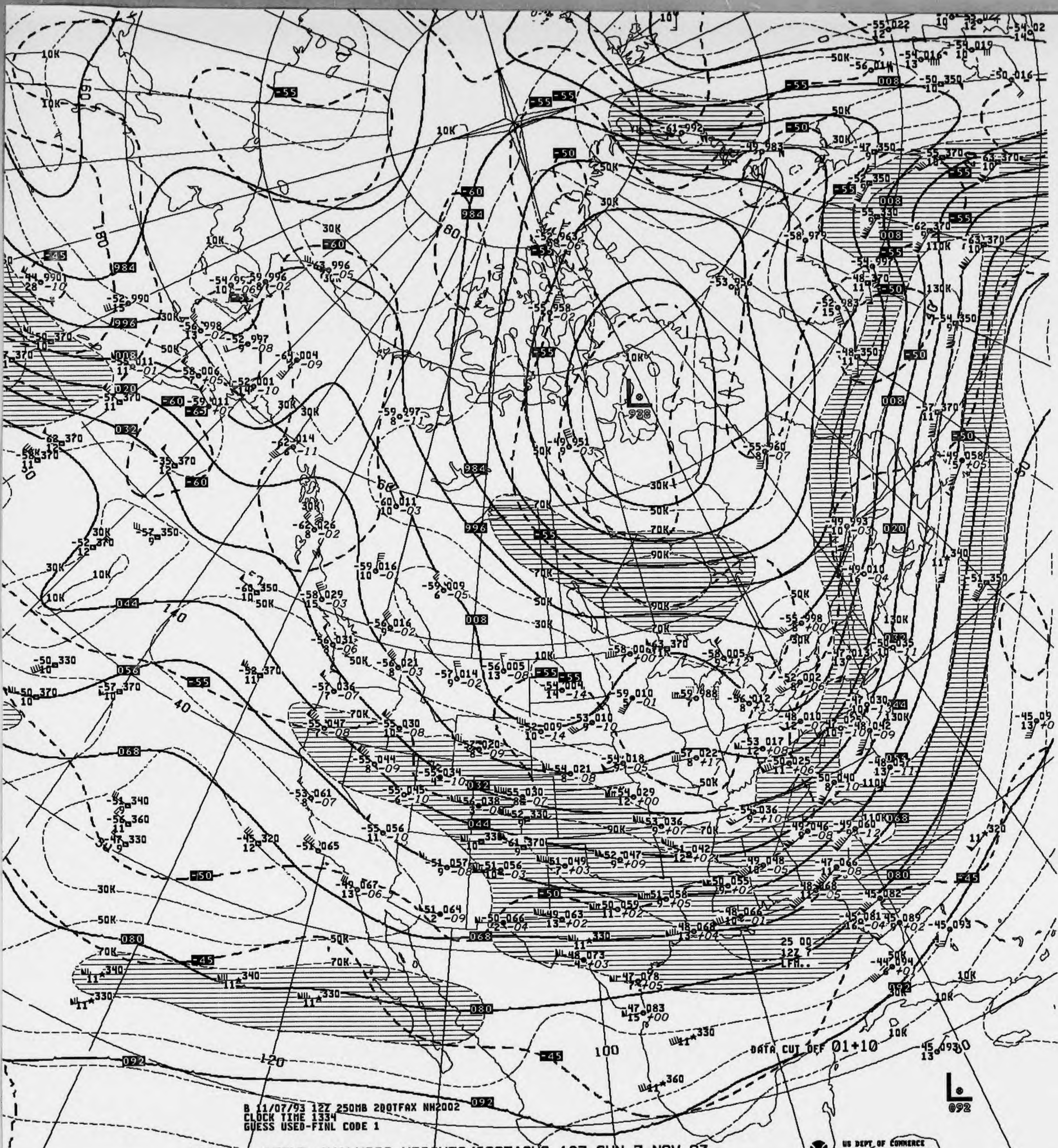
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON.


DATA CUT OFF 01+10
25 00
00Z 7
LFM..

B 11/07/93 00Z 250MB 200TFAX NH2002
CLOCK TIME 125
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 7 NOV 93

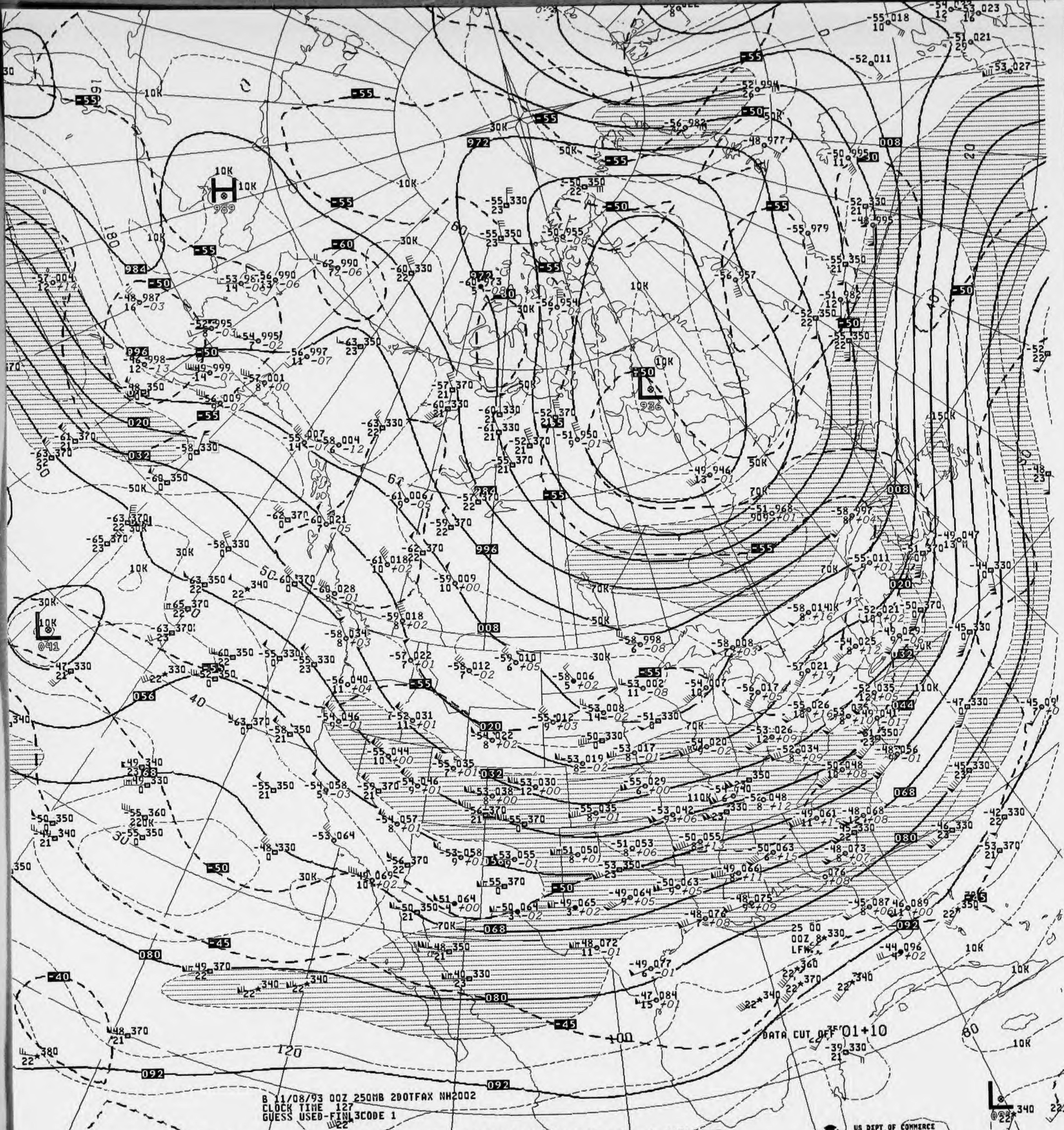
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



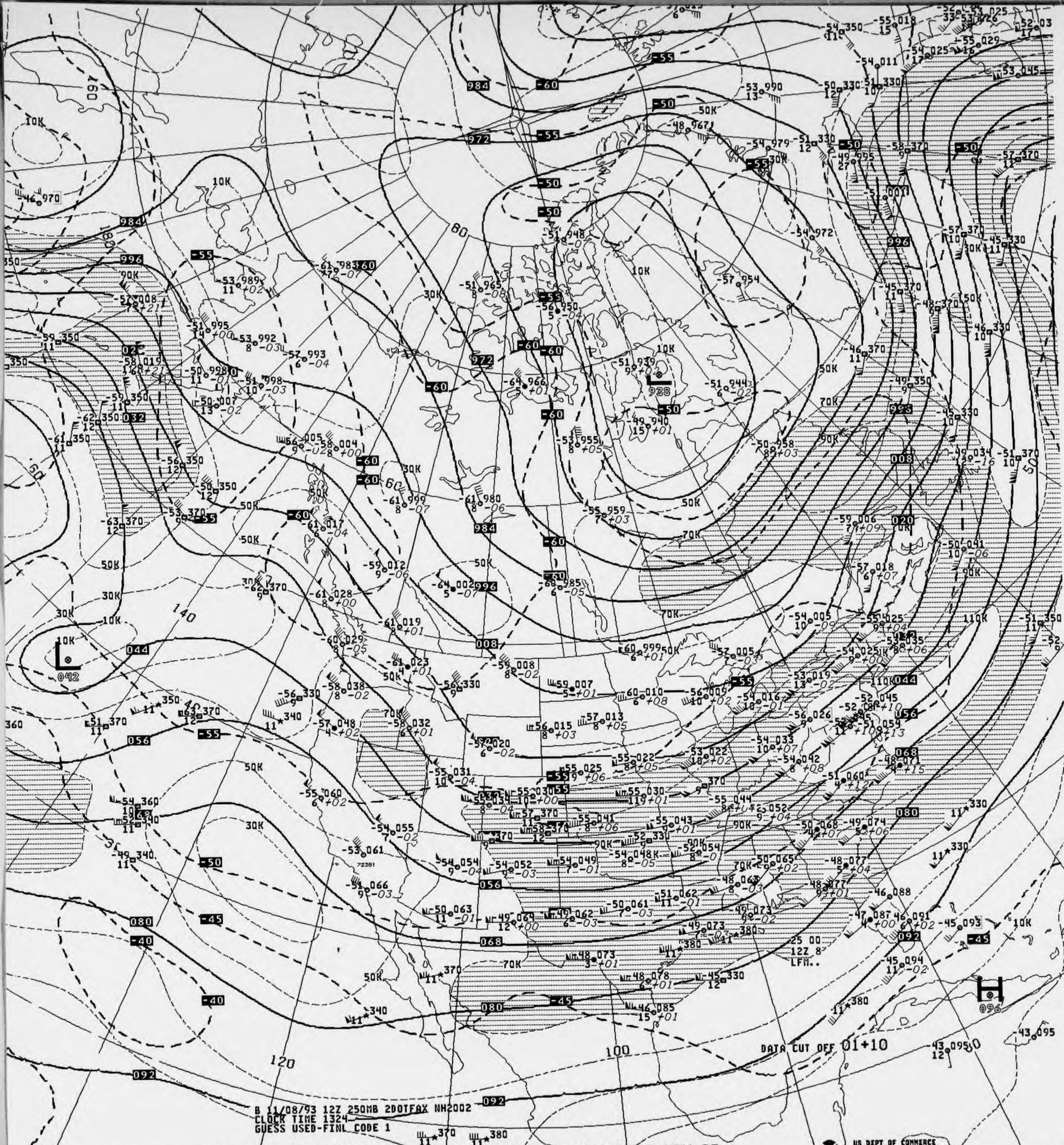
B 11/07/93 12Z 250MB 200TFAX NH2002
CLOCK TIME 1334
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 7 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/08/93 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL3CODE 1
DATA CUT OFF 01+10
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
H
989
L
936
L
041
10K
30K
50K
70K
110K
150K

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 8 NOV 93


B 11/08/93 12Z 250MB 200TFAX NH2002
CLOCK TIME 1324
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
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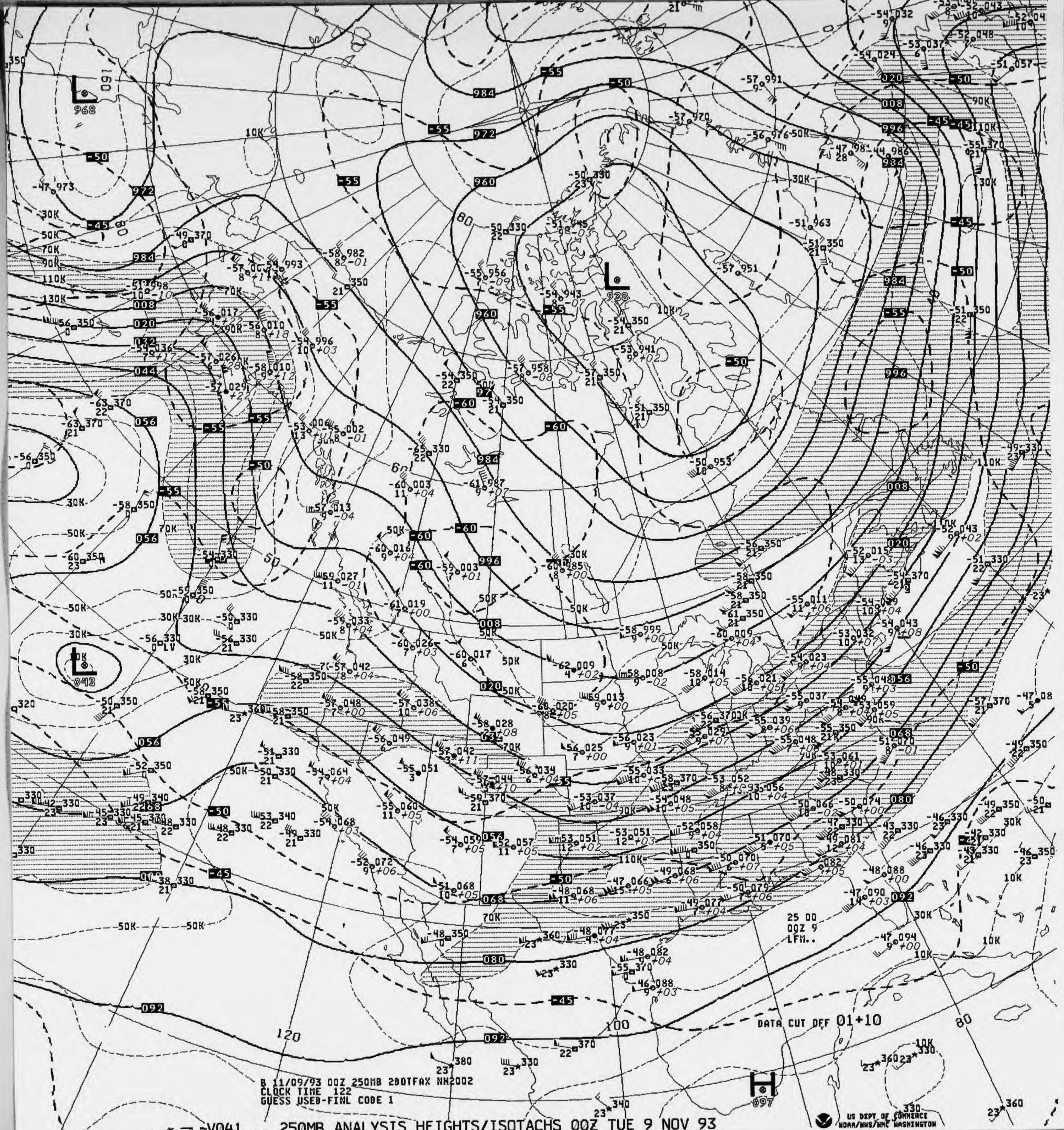
12Z 8
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 8 NOV 93



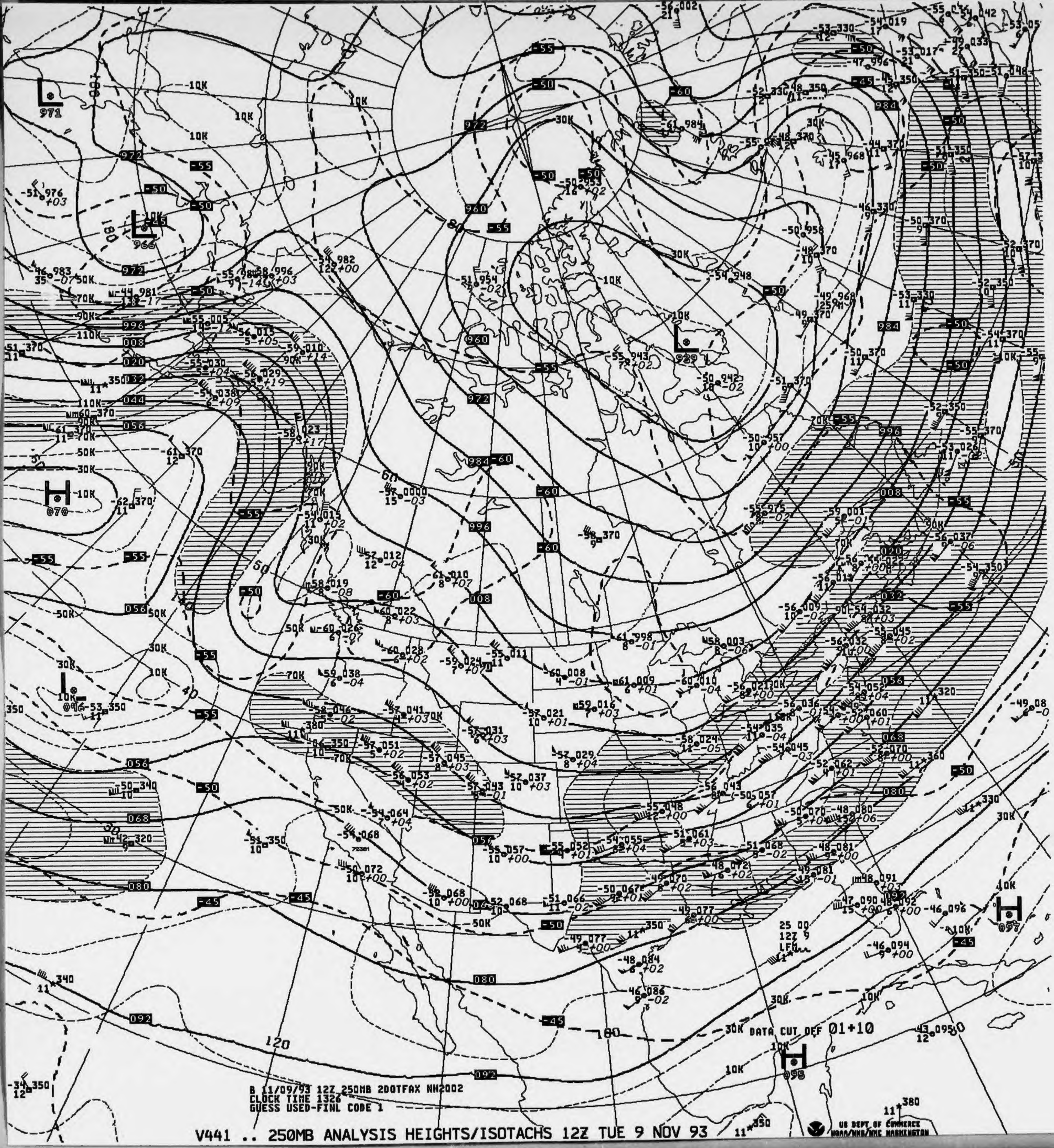
B 11/09/93 00Z 250MB 200TFAX NH2002
CLOCK TIME 122
GUESS USED-FINL CODE 1

DATA CUT OFF 01+10

25 00
00Z 9
LFM..

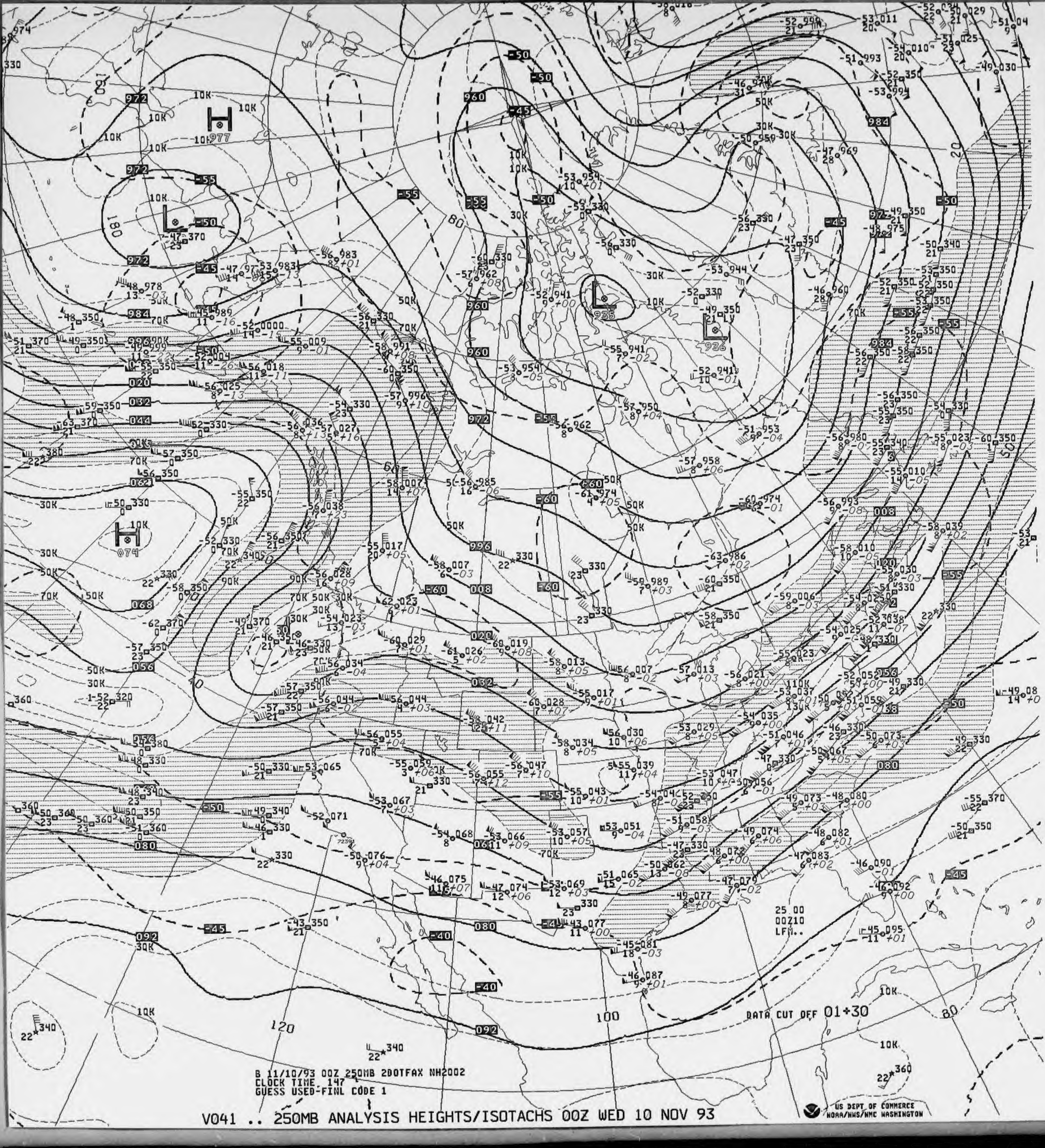
-V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 9 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

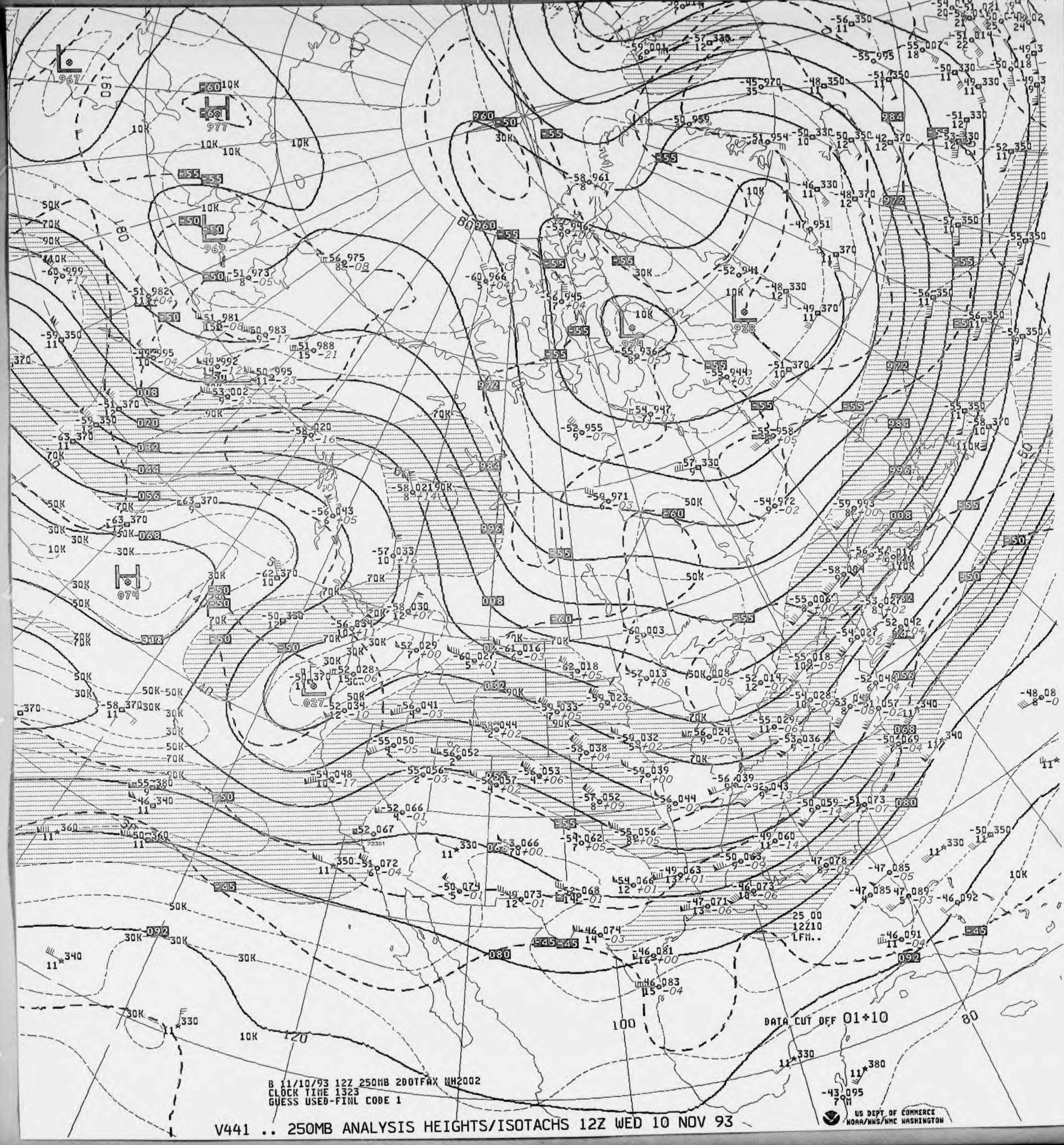

L
971
L
966
H
070
L
046
H
097
H
095
972
960
984
996
008
020
032
044
056
068
080
092
-45
-50
-55
-60
10K
30K
50K
70K
90K
110K
120
180
DATA CUT OFF 01+10
25 00
12Z 9
LFQ
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 11/09/93 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1326
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 9 NOV 93


DATA CUT OFF 01+30
25 00
00Z10
LFM..
B 11/10/93 00Z 250MB 200TFAX NH2002
CLOCK TIME. 147
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
120
100
80
180
60
40
20

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 10 NOV 93

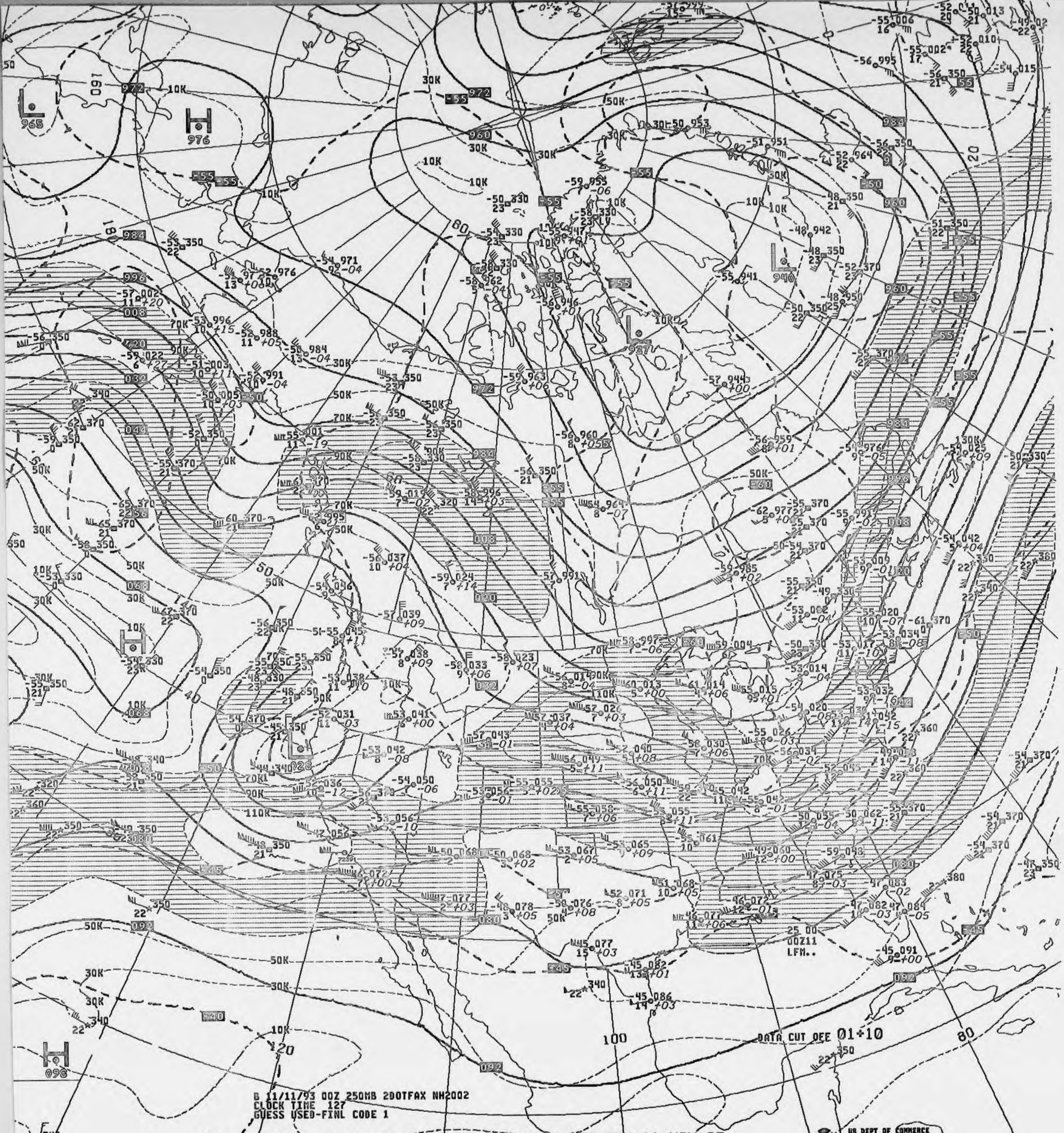


DATA CUT OFF 01+10

B 11/10/93 12Z 250MB 200TFAX NH2002
CLOCK TIME 1323
GUESS USED-FINL CODE 1

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 10 NOV 93

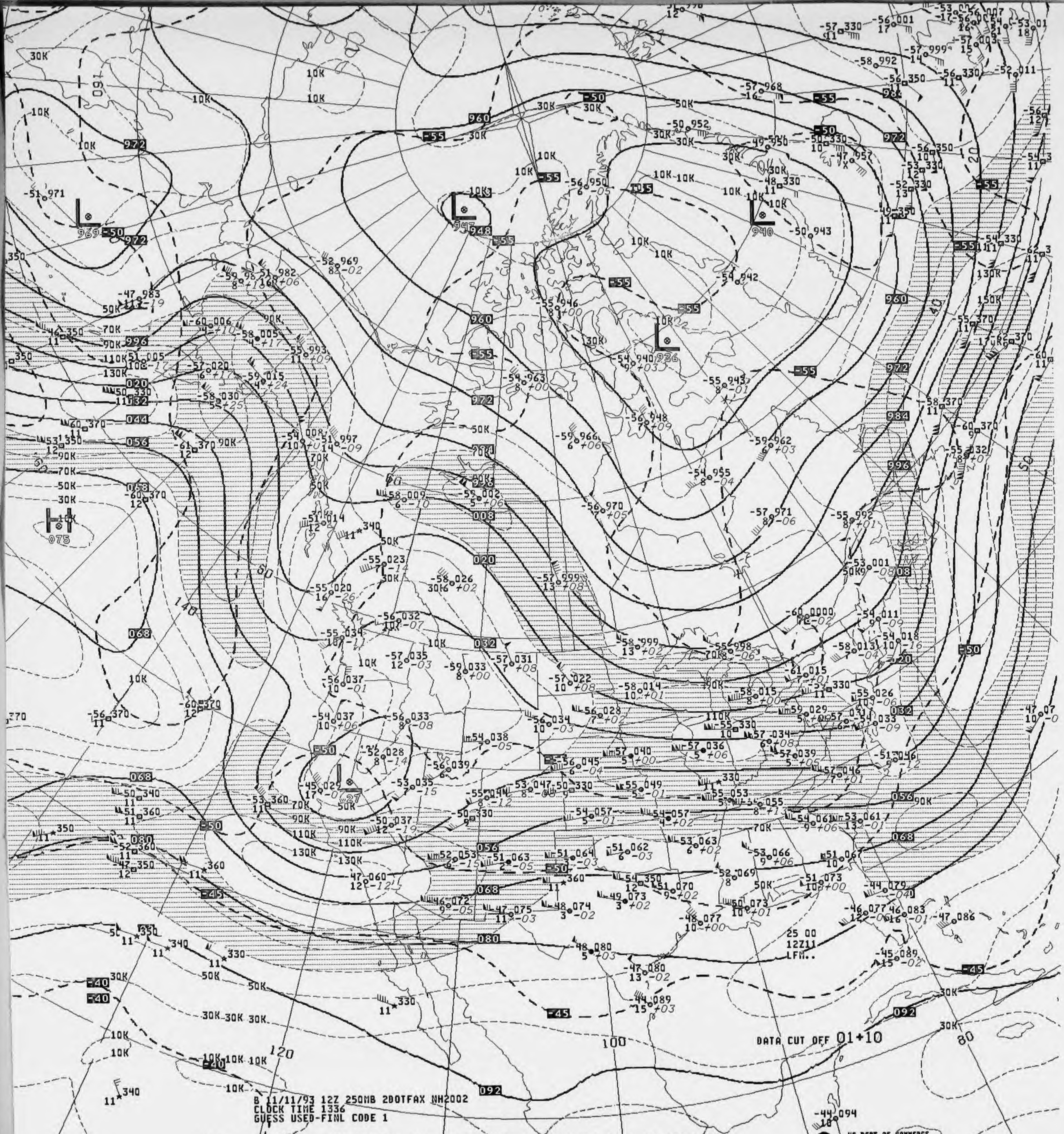


965
976
960
940
937
028
098
DATA CUT OFF 01+10
25 00
00Z11
LFM..
100
120
80
180
160

B 11/11/93 00Z 250MB 200TFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 11 NOV 93

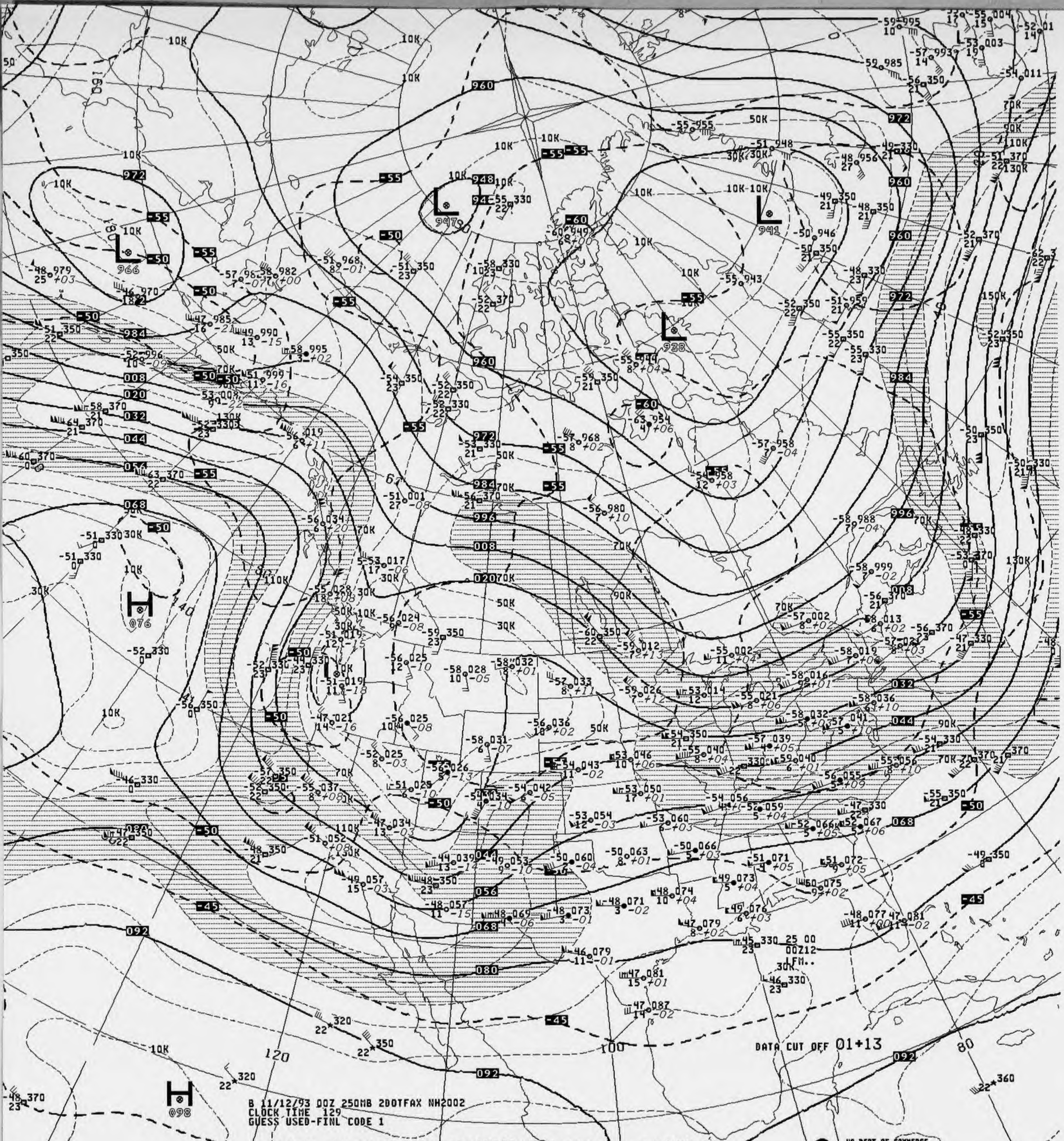
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+10
25 00
12Z11
LFM..
30K
50K
70K
90K
110K
130K
150K
10K
960
972
984
996
008
020
032
044
056
068
080
092
-40
-45
-50
-55
20
40
50
60
80
100
120
140
940
947
948
969
936
075
027

B 11/11/93 12Z 250MB 20OTFAX NH2002
CLOCK TIME 1336
GUESS USED-FINL CODE 1

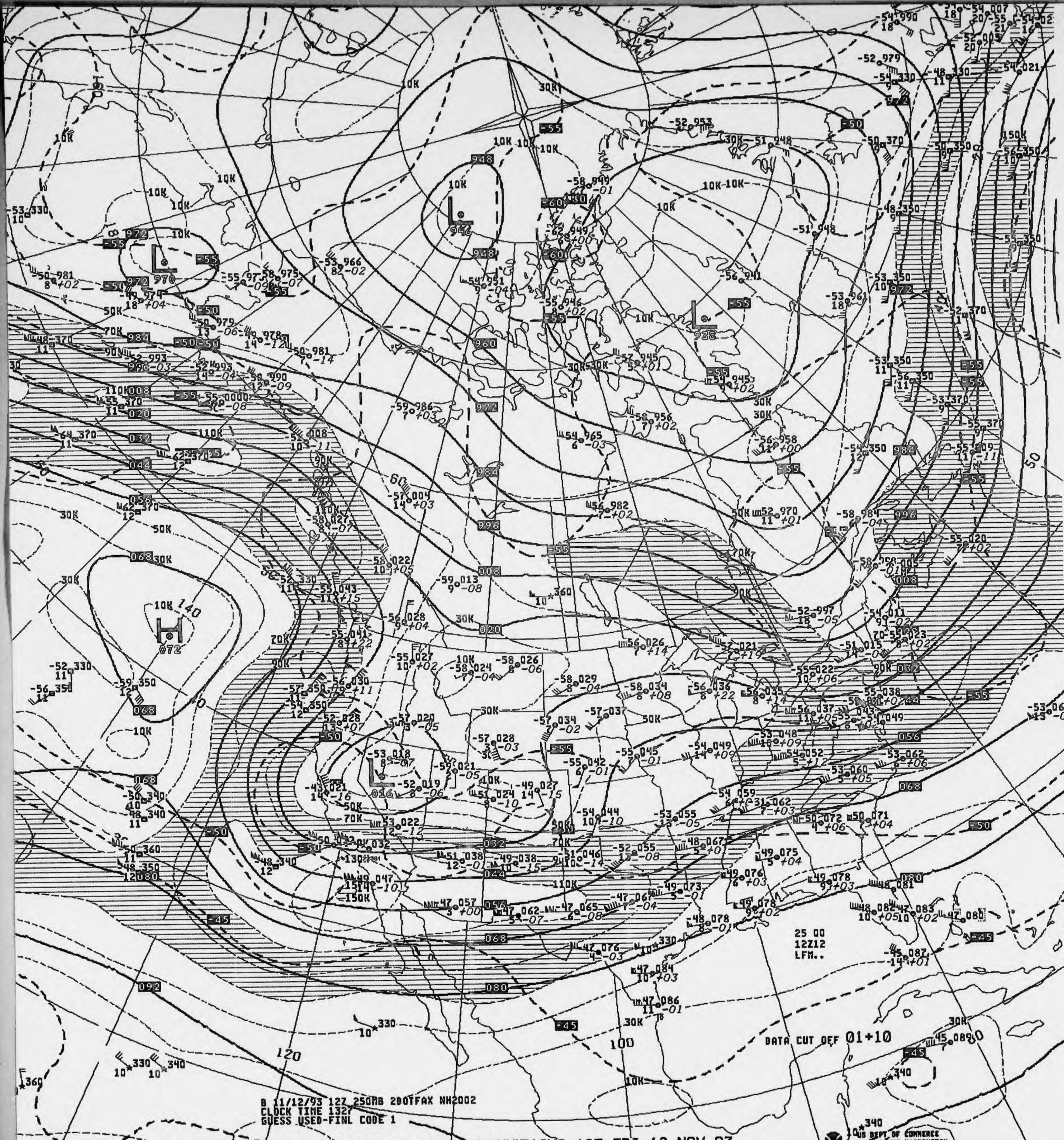
V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 11 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+13
B 11/12/93 00Z 250MB 20OTFAX NH2002
CLOCK TIME 129
GUESS USED-FINL CODE 1
25 00
00Z12
LFM..

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 12 NOV 93

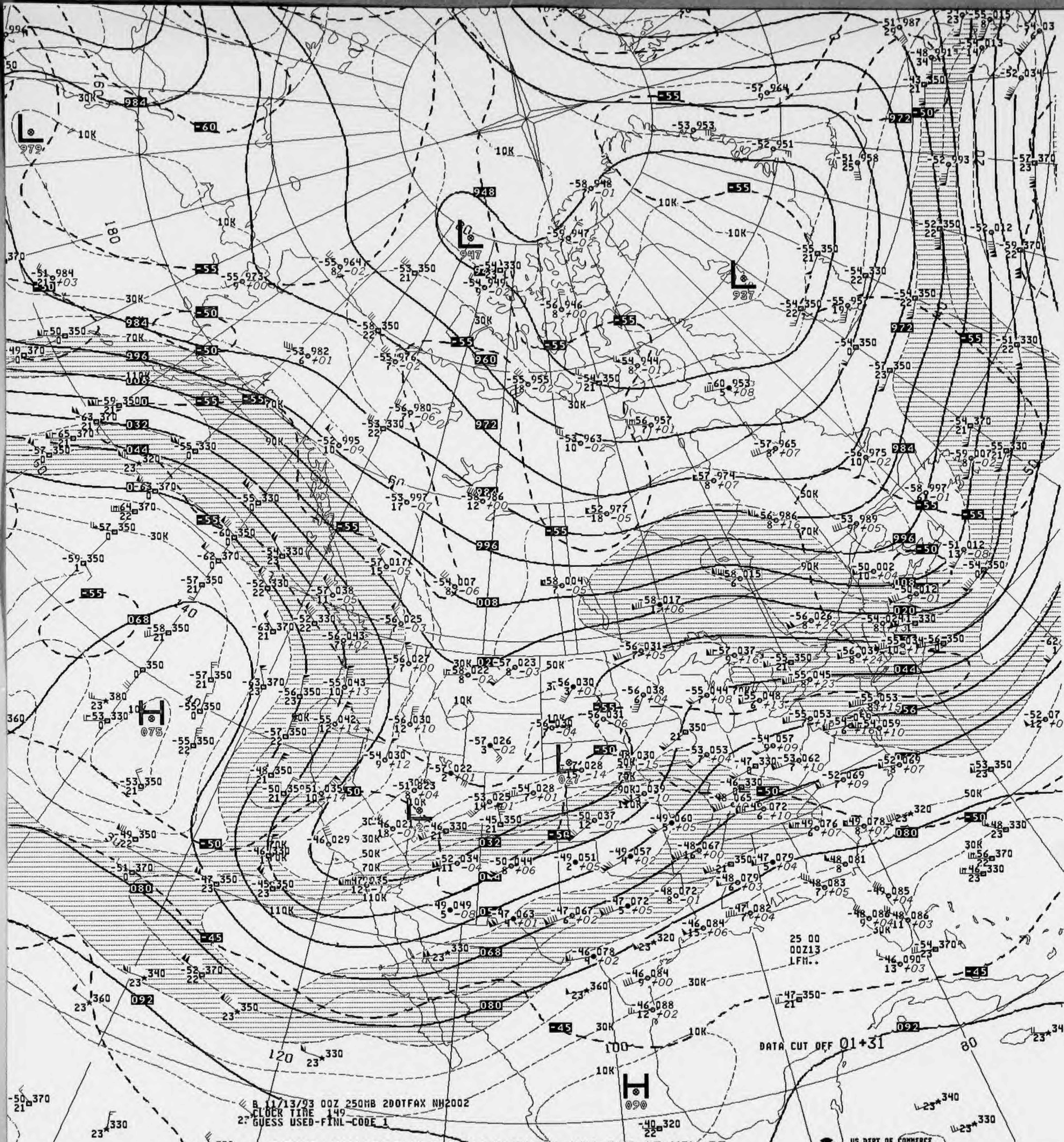
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


10K
30K
50K
70K
90K
110K
130K
150K
140
120
100
60
50
H
L
972
970
948
946
938
016
072
-50
-55
-60
-45
984
996
008
020
032
044
056
068
080
092
DATA CUT OFF 01+10
25 00
12Z12
LFM..

B 11/12/93 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1327
GUESS USED-FINL CODE 1

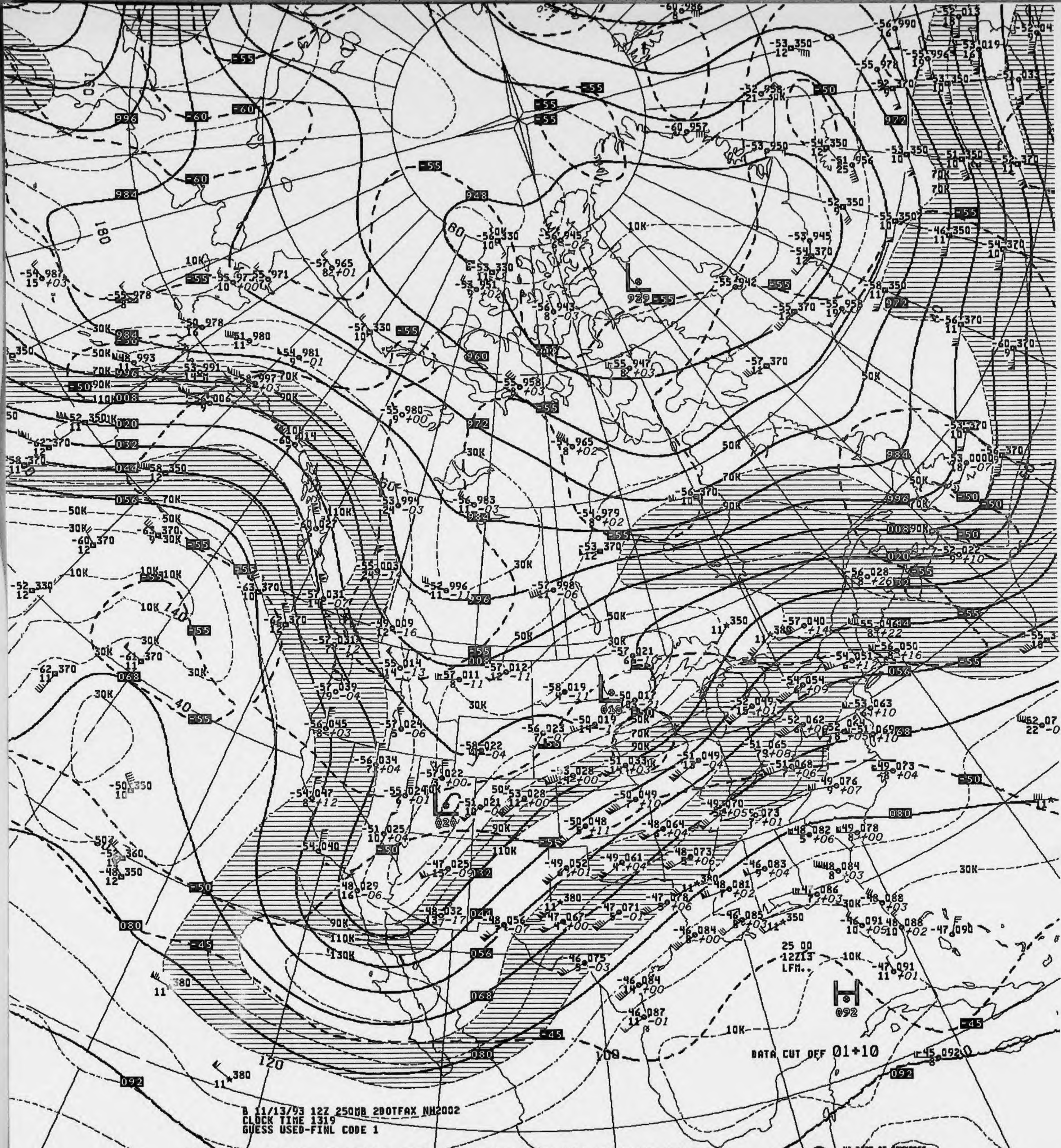
V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 12 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



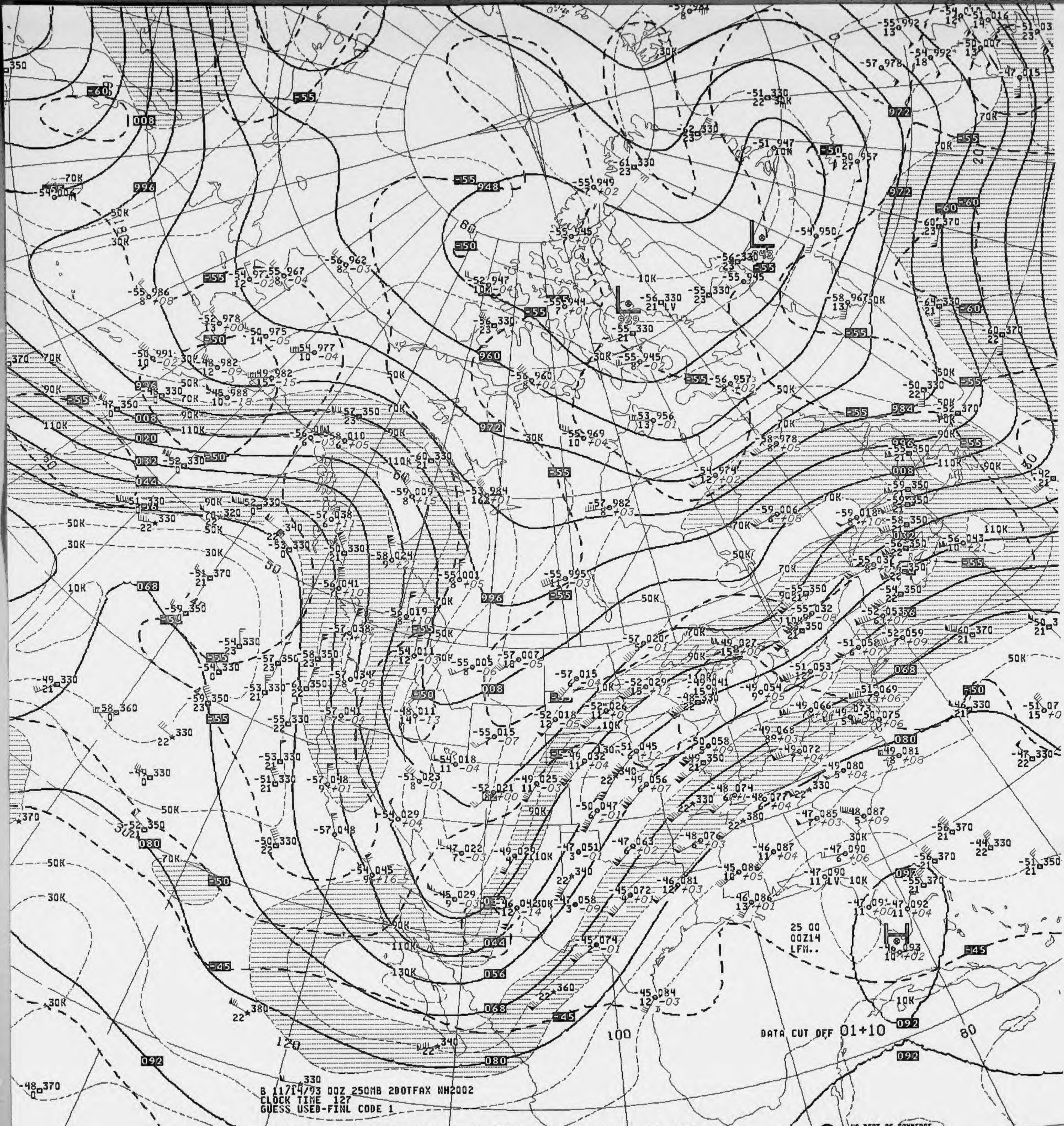
8 11/13/93 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 149
2 GUESS USED-FINL-CODE 1
DATA CUT OFF 01+31
25 00
00Z13
LFM..
L
979
L
947
L
937
H
075
H
090
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

VG41 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 13 NOV 93


DATA CUT OFF 01+10
B 11/13/93 12Z 250MB 200TFAX NH2002
CLOCK TIME 1319
GUESS USED-FINL CODE 1
25 00
12Z13
LFM..

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 13 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/14/93 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
25 00
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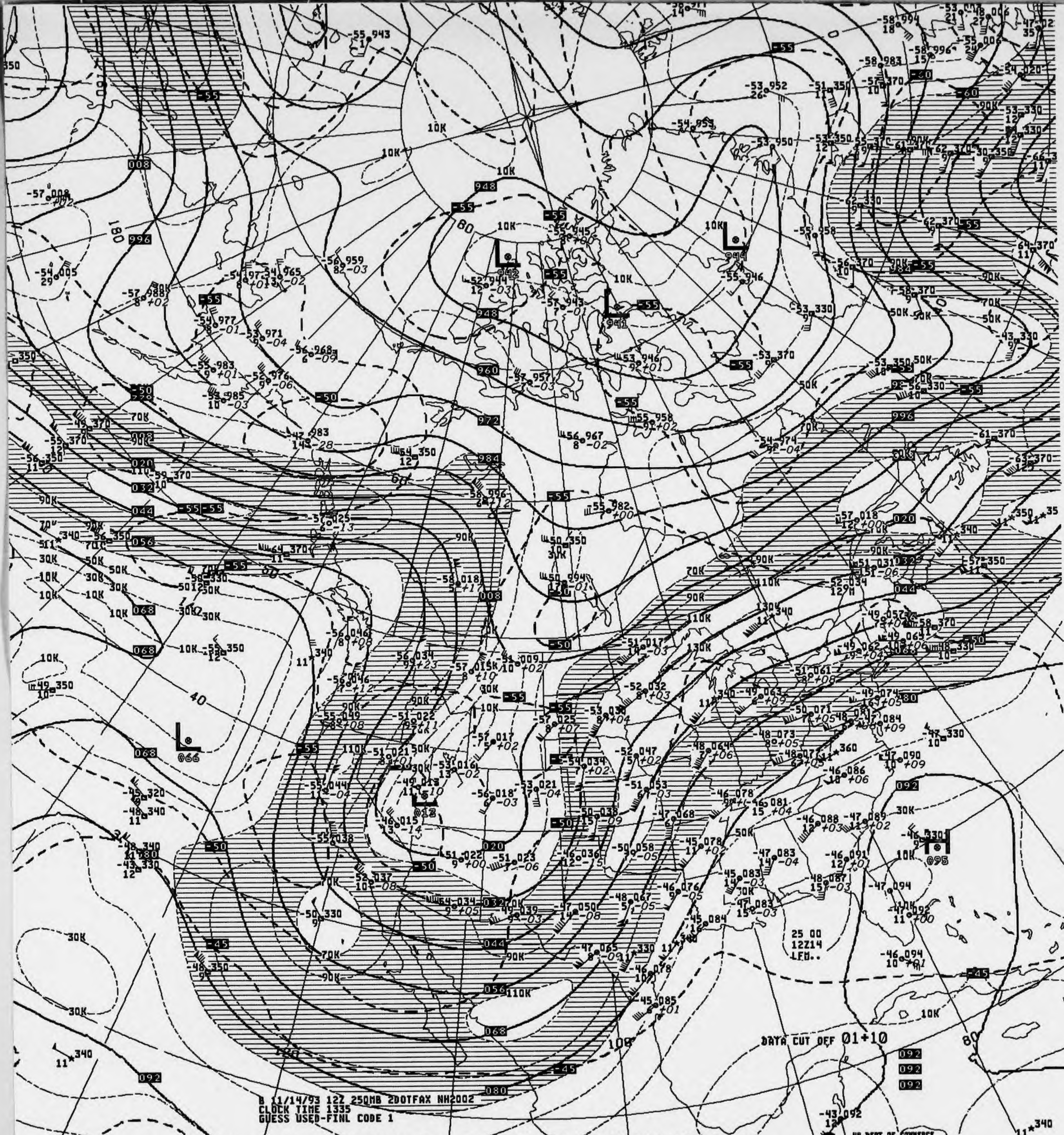
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 14 NOV 93


DATA CUT OFF 01+10
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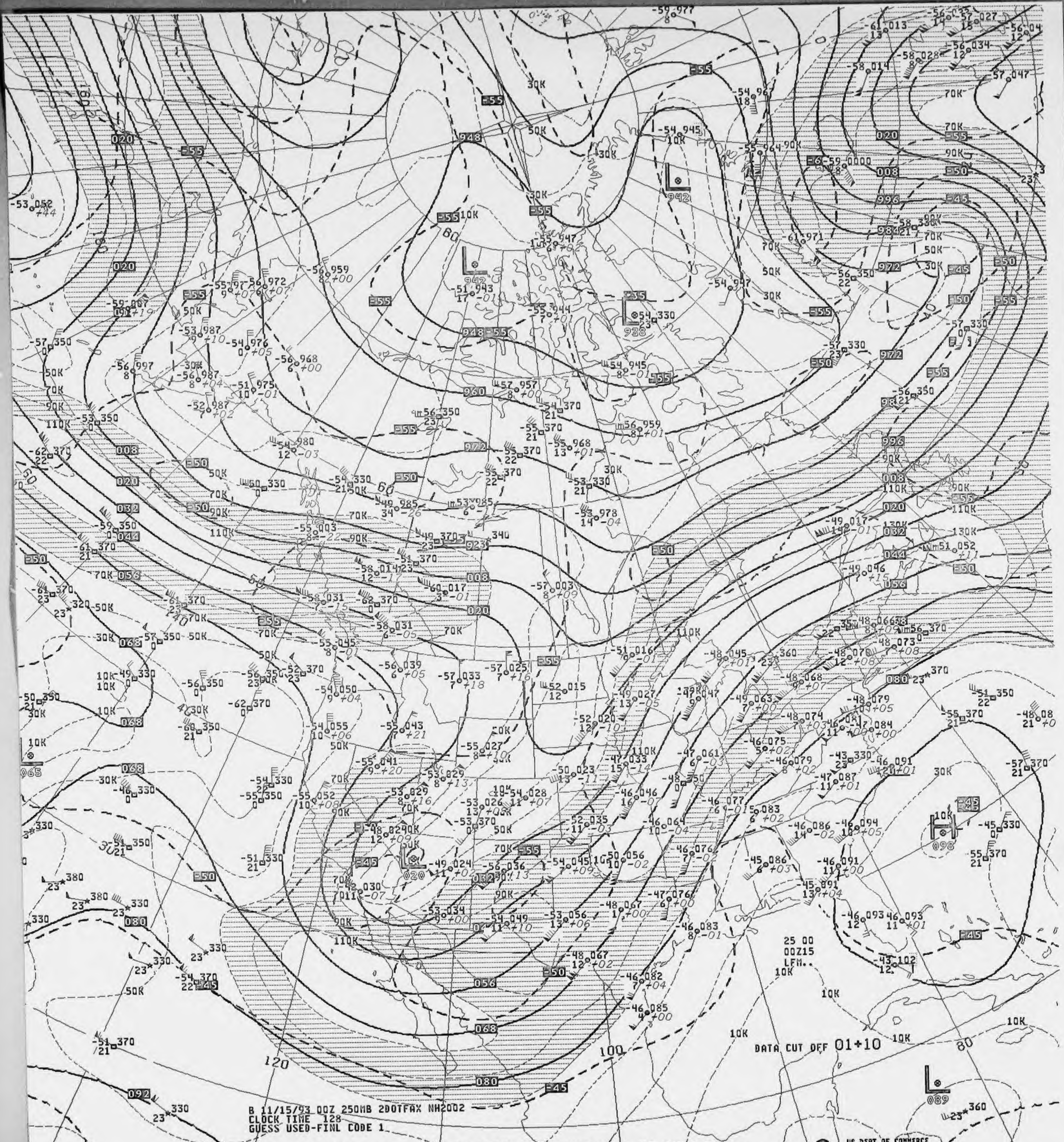
12Z14
LFM..
10K
50K
70K
90K
110K
130K
-55
-50
-45
948
960
972
984
996
008
020
032
044
056
068
080
092

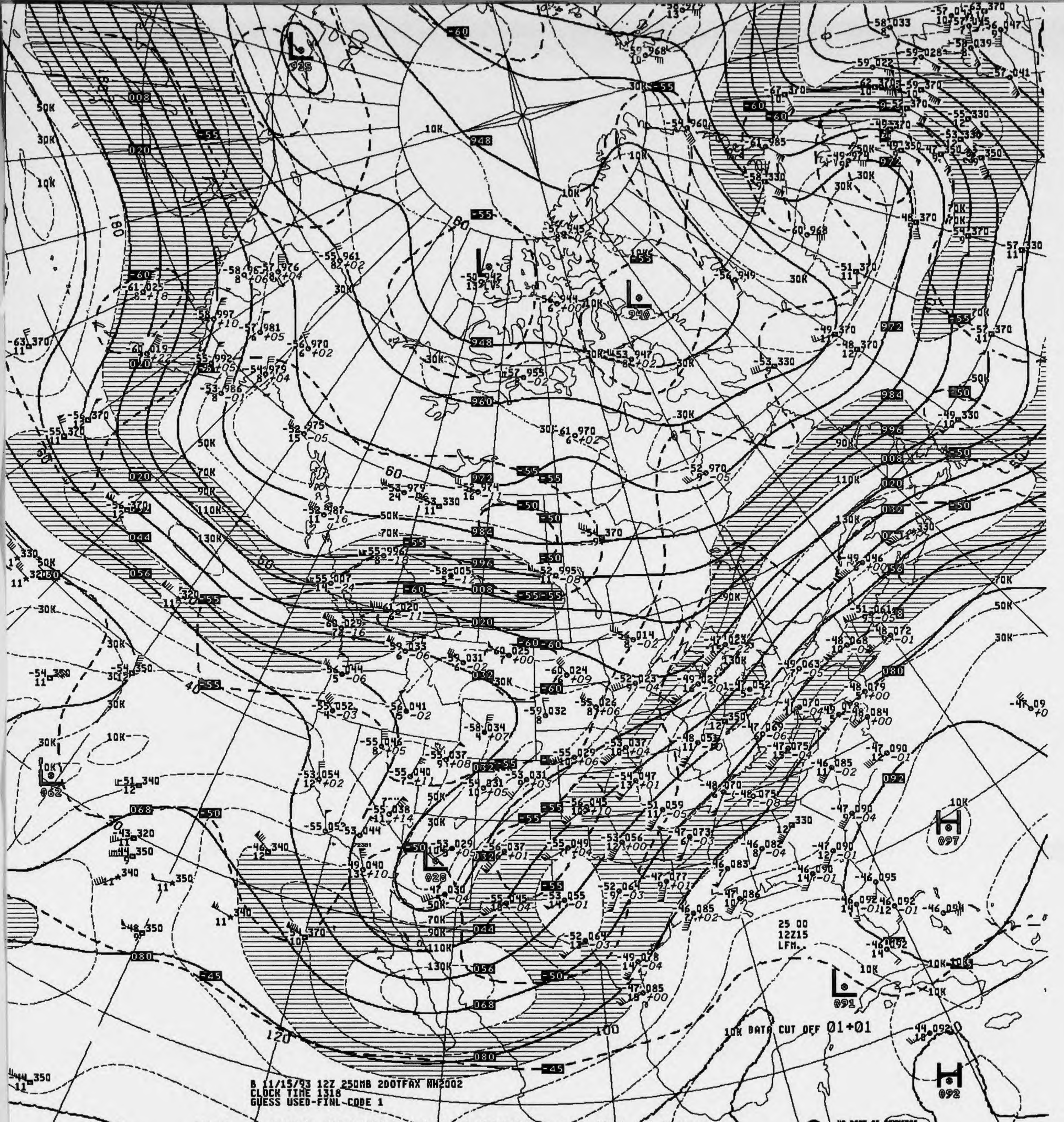
B 11/14/93 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1335
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 14 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/15/93 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 128
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
25 00
00Z15
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
120
100
80
60
40

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 15 NOV 93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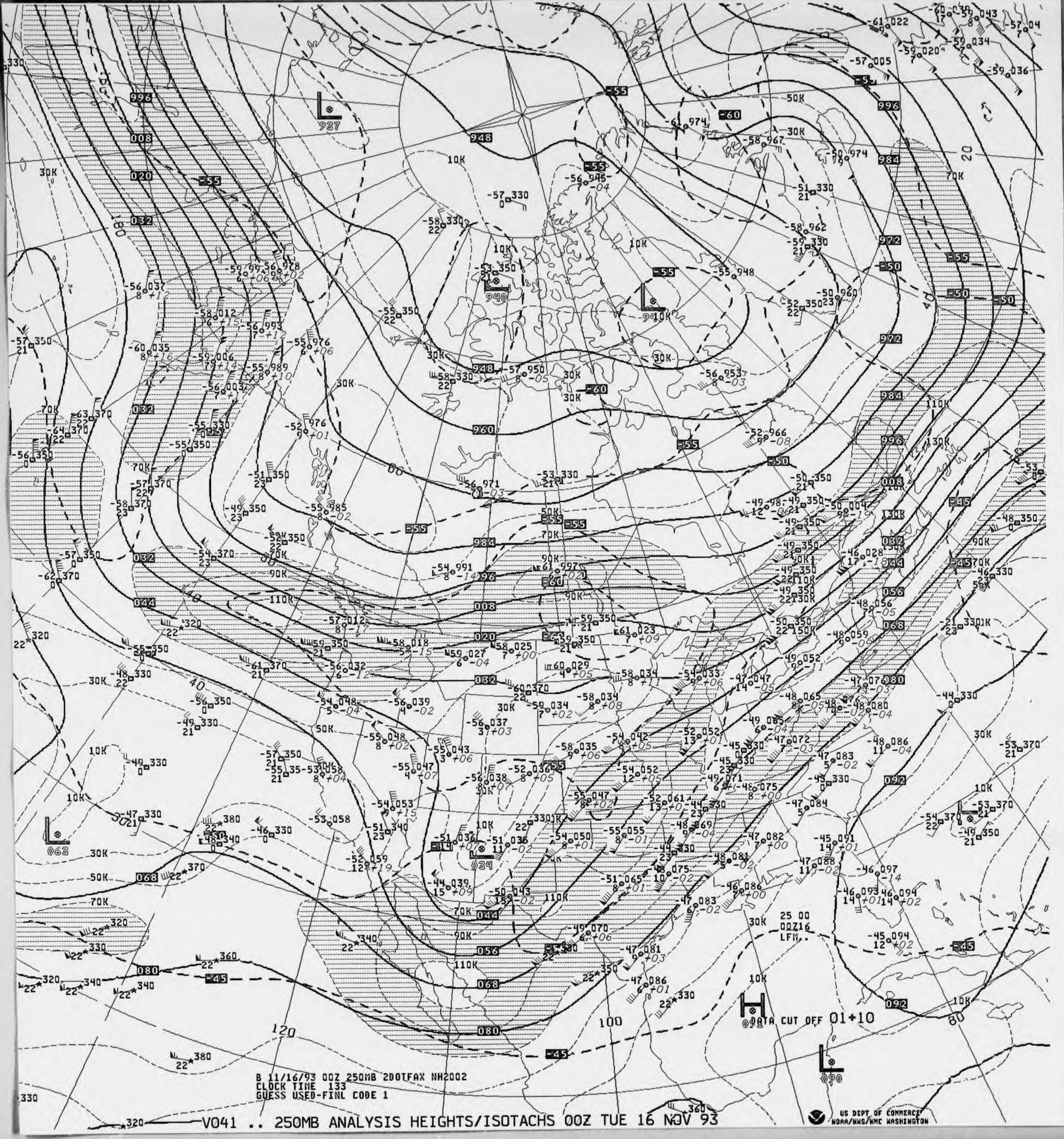
12Z15
LFM.
DATA CUT OFF 01+01

B 11/15/93 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1318
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 15 NOV 93

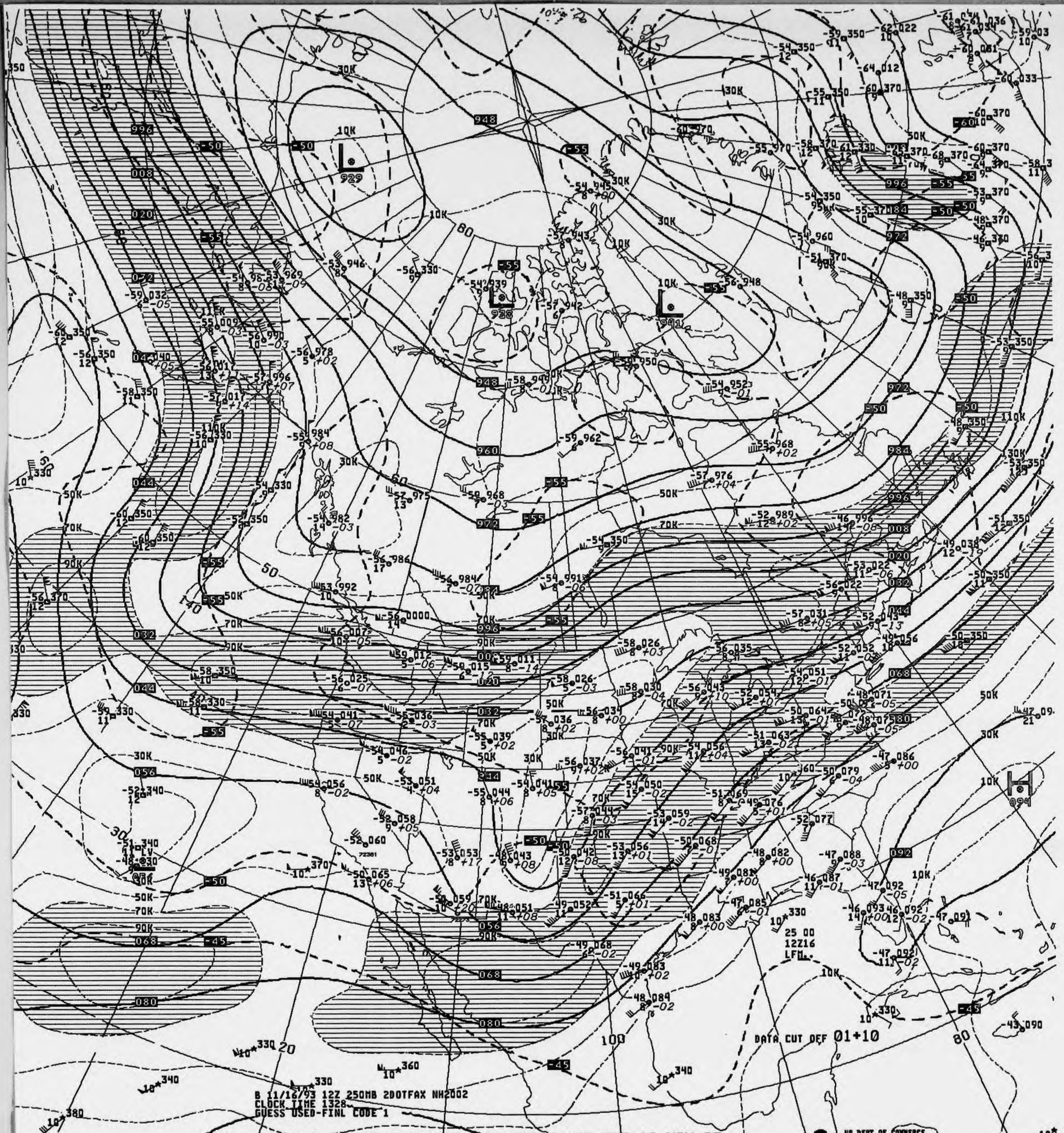
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


25 00
00Z16
LFM..
DATA CUT OFF 01+10

B 11/16/93 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 133
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 16 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 1328
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
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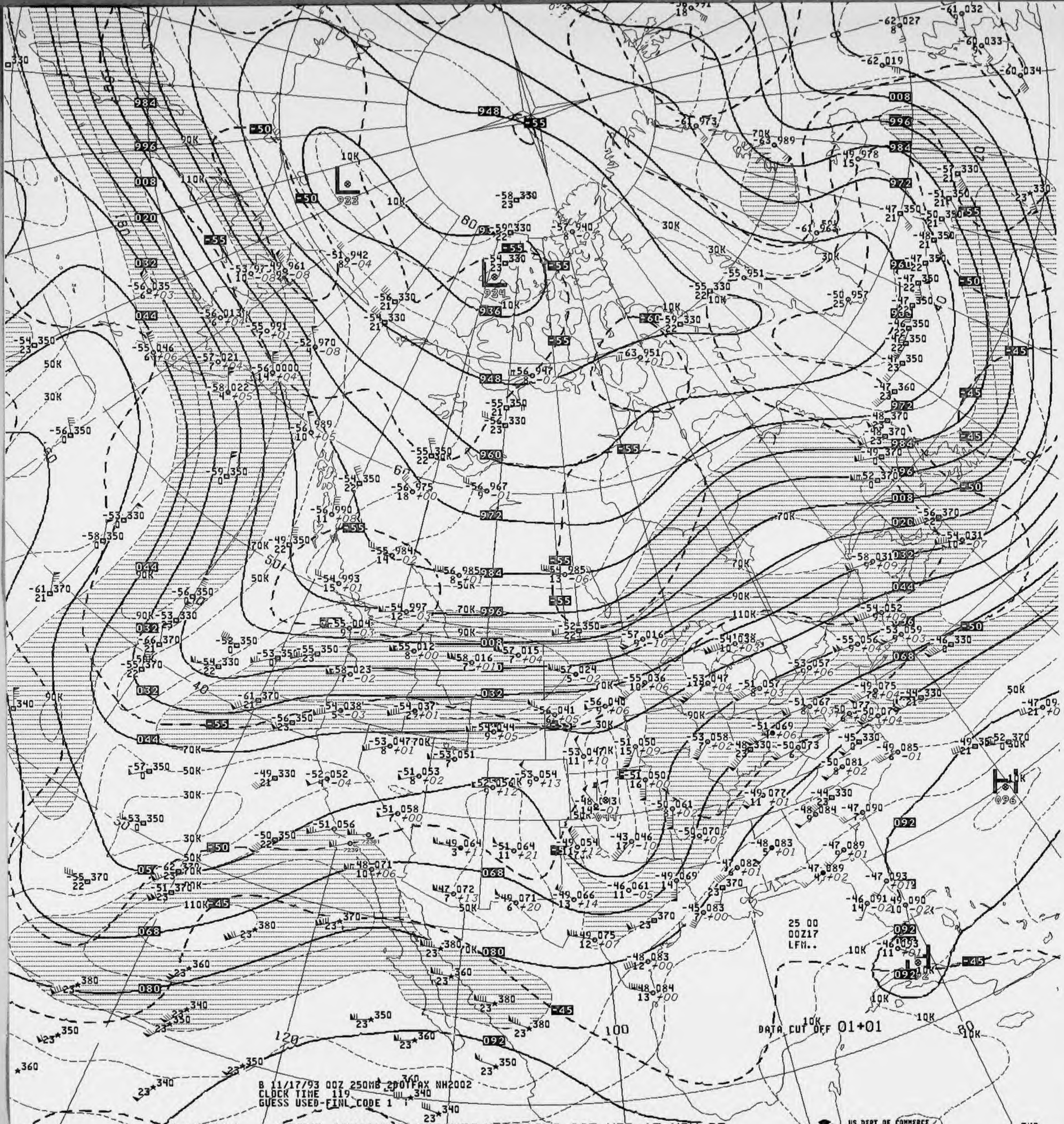
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 16 NOV 93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CLOCK TIME 119
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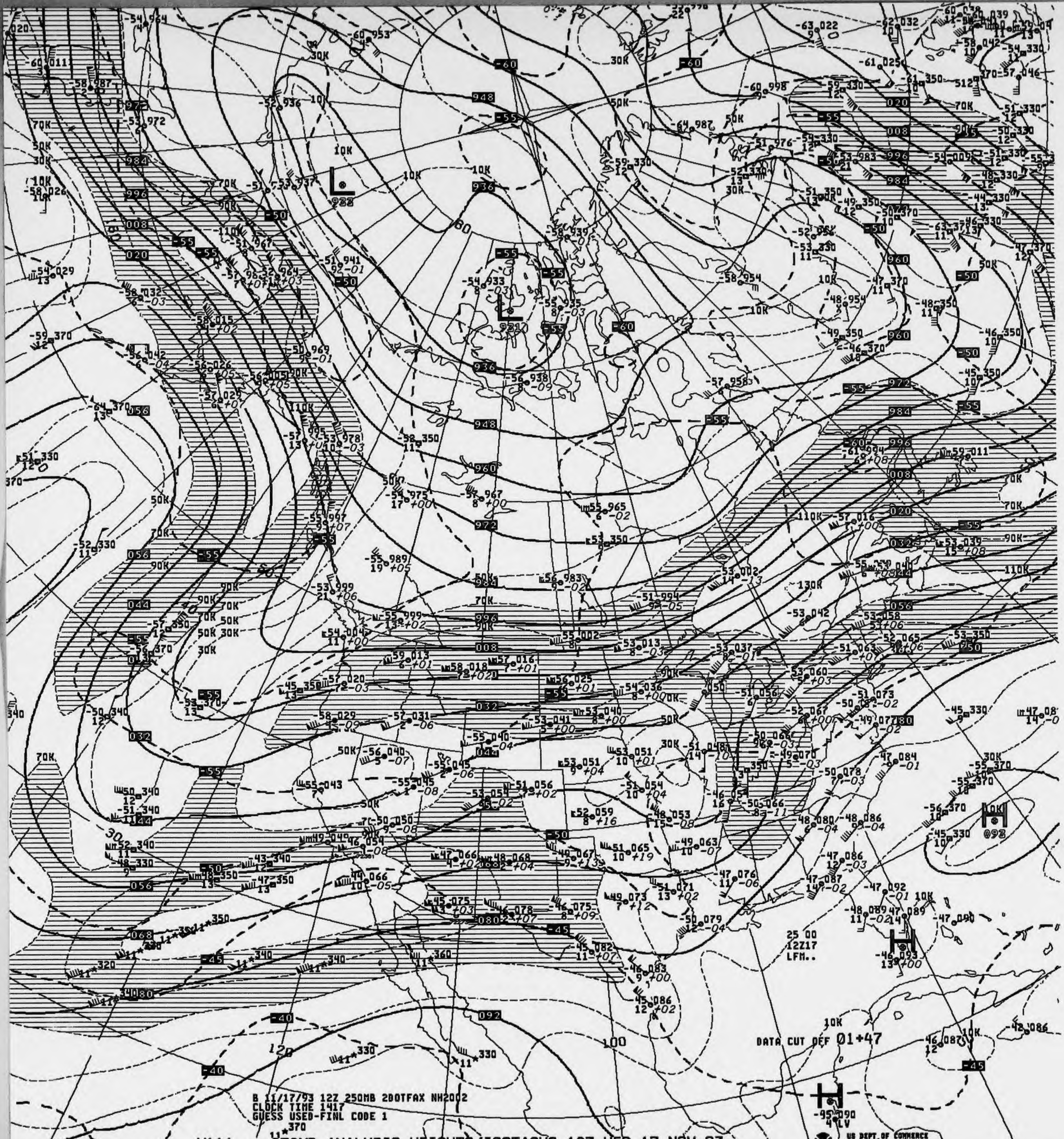
25 00
00Z17
LFM..
DATA CUT OFF 01+01
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
948
960
972
984
996
008
020
032
044
068
080
092
-45
-50
-55
934
10K
30K
50K
70K
90K
110K

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 17 NOV 93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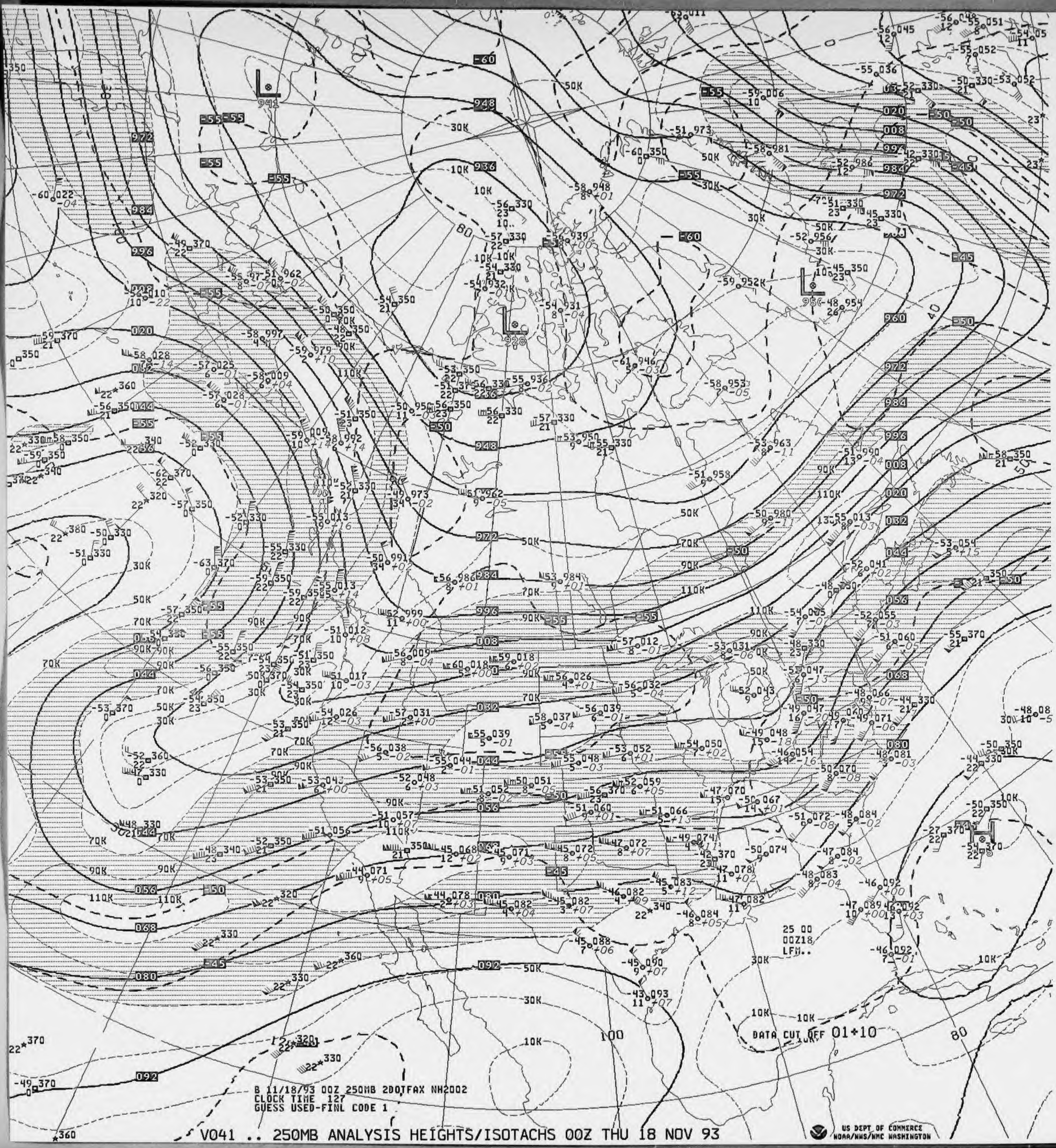
LFM..

B 11/17/93 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1417
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 17 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

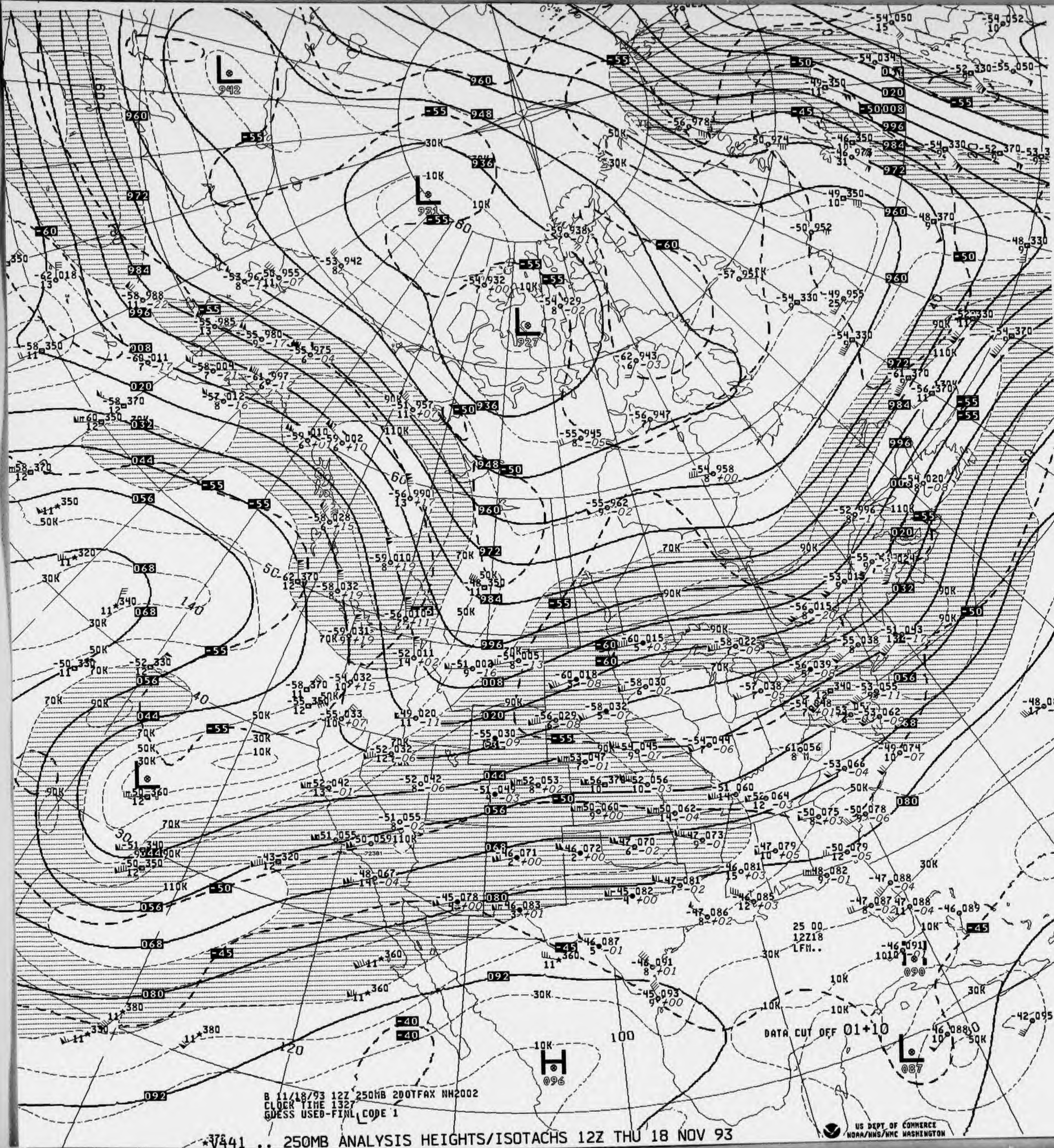


25 00
00Z18
LFM..
DATA CUT OFF 01+10

B 11/18/93 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 18 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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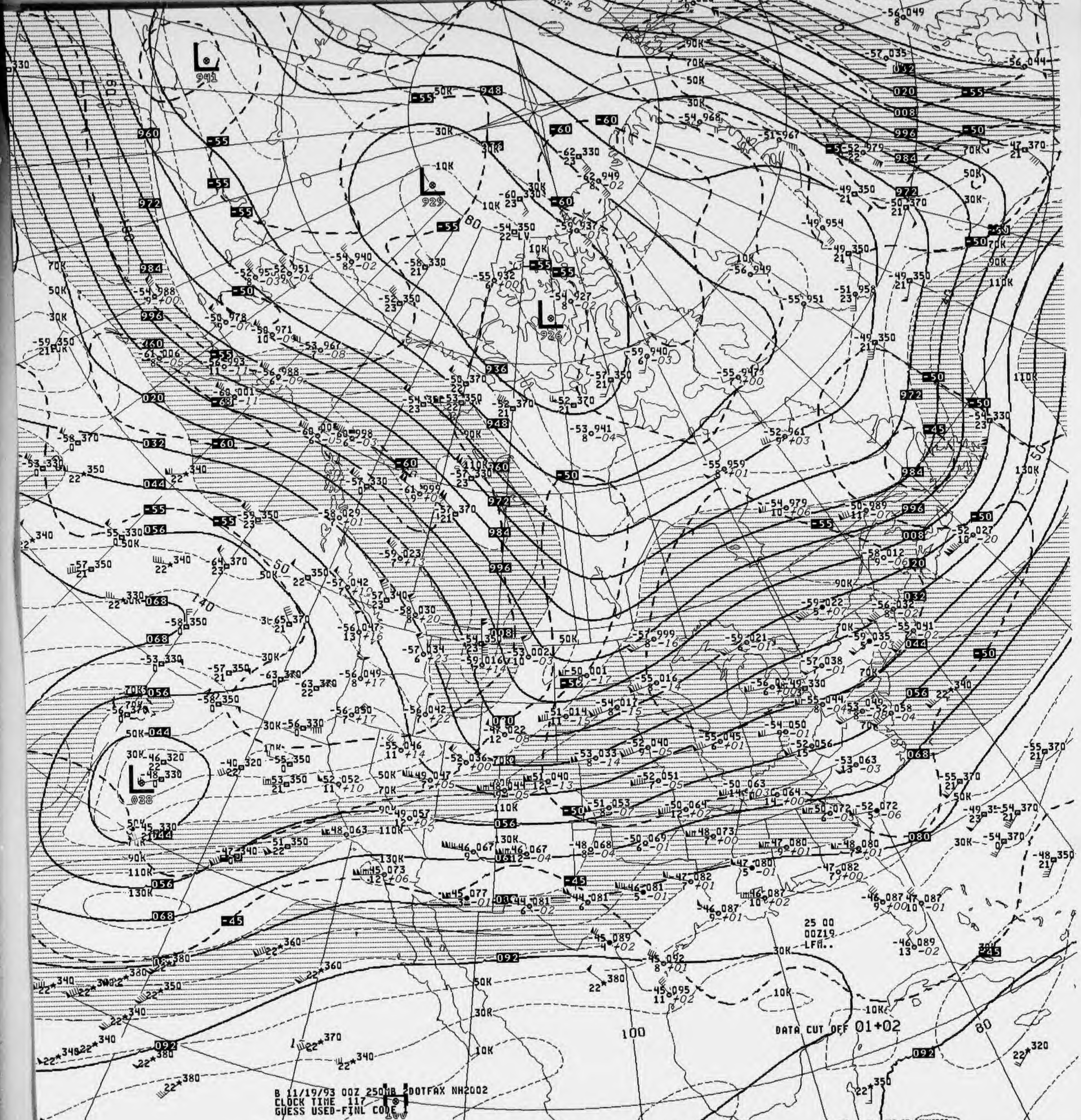
LFM..
B 11/18/93 12Z 250MB 200TFAX NH2002
CLOCK TIME 1327
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 18 NOV 93


B 11/19/93 00Z 250MB DOTFAX NH2002
CLOCK TIME 117
GUESS USED-FINL CODE
DATA CUT OFF 01+02
25 00
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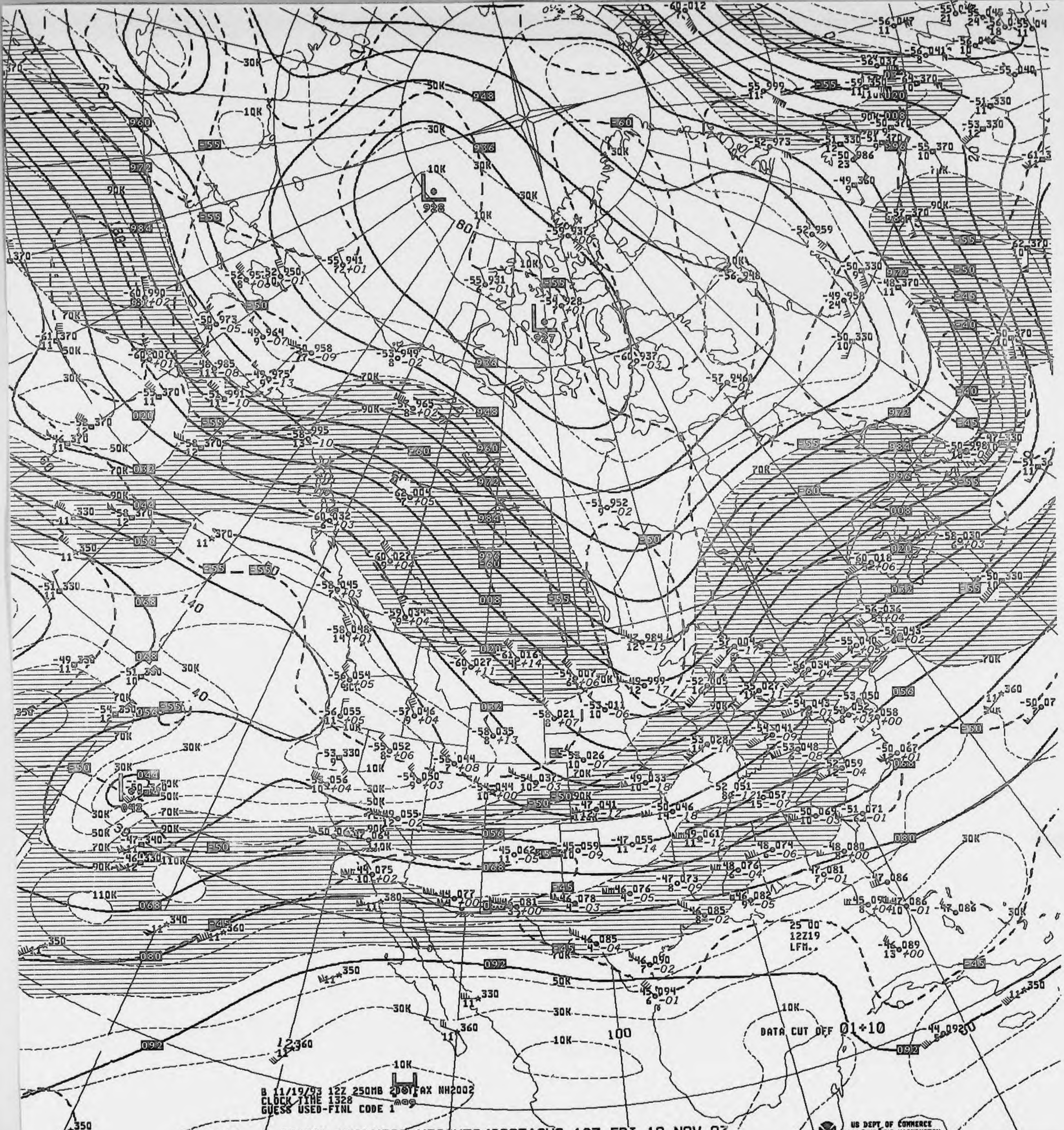
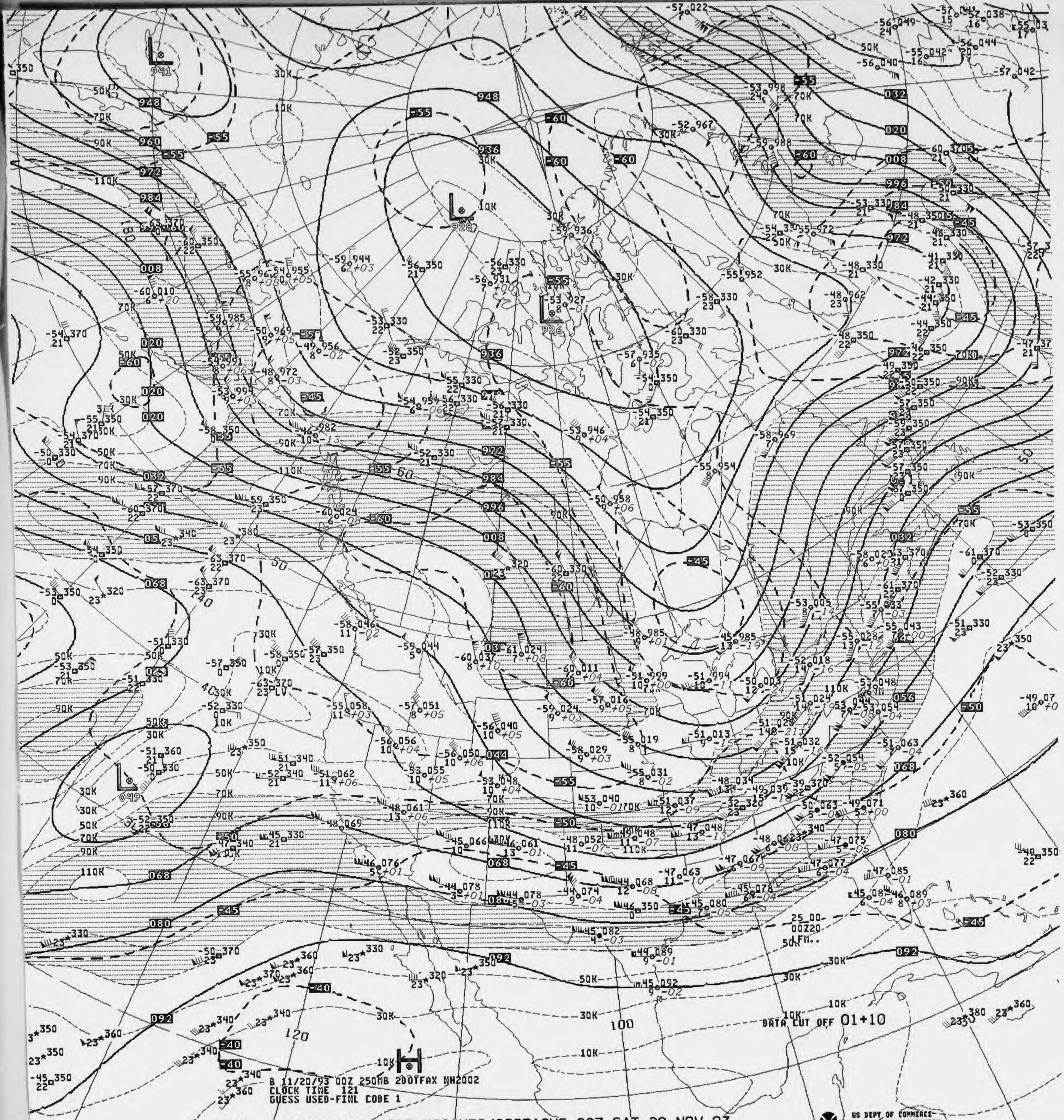
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 19 NOV 93


B 11/19/93 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1328
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
25 00
12Z19
LFM..
L
928
L
927
H
100
140
40
80
60
10K
30K
50K
70K
90K
110K

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 19 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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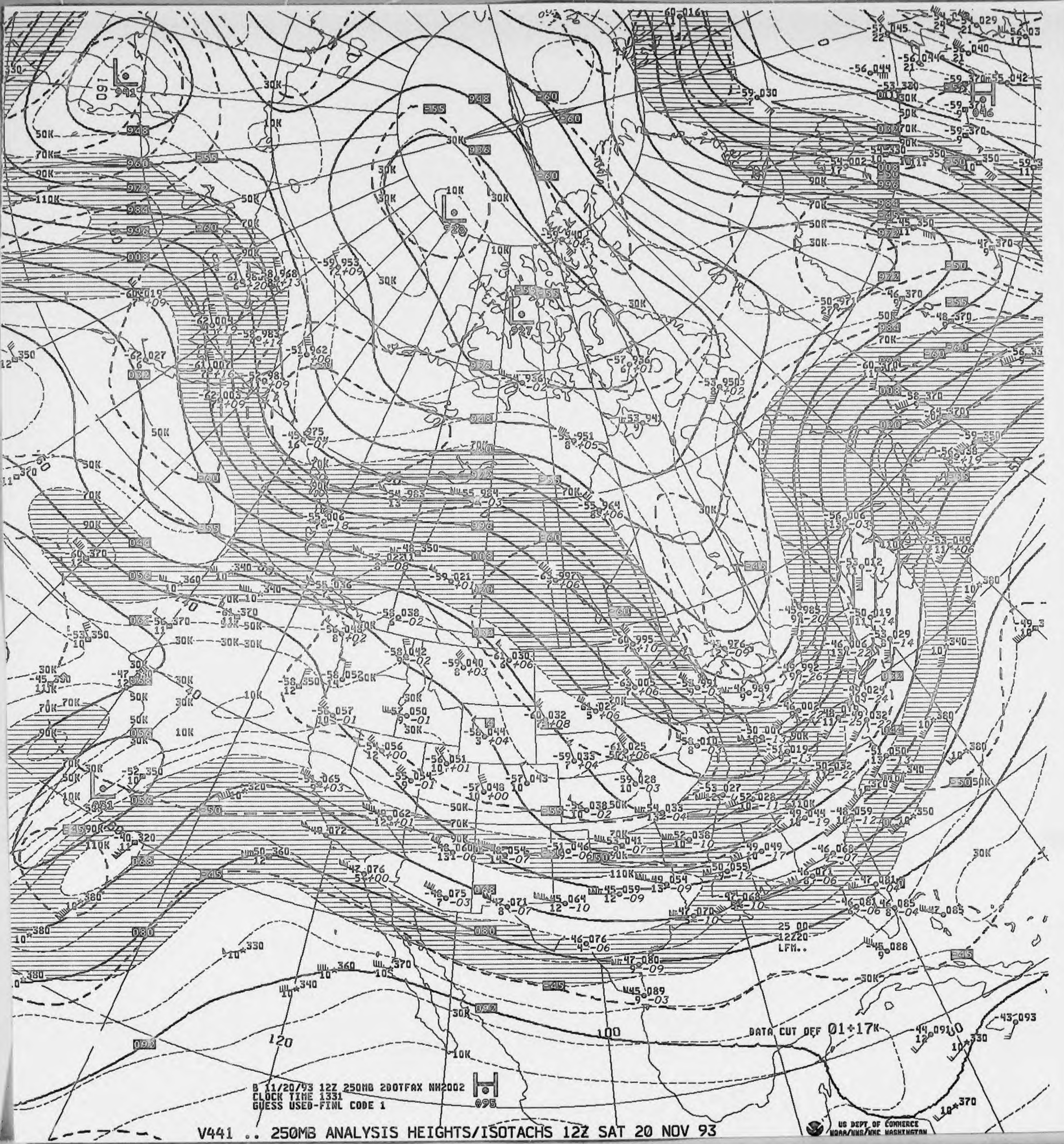
CLOCK TIME 121
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
US DEPT OF COMMERCE-
NOAA/NWS/NMC WASHINGTON

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 20 NOV 93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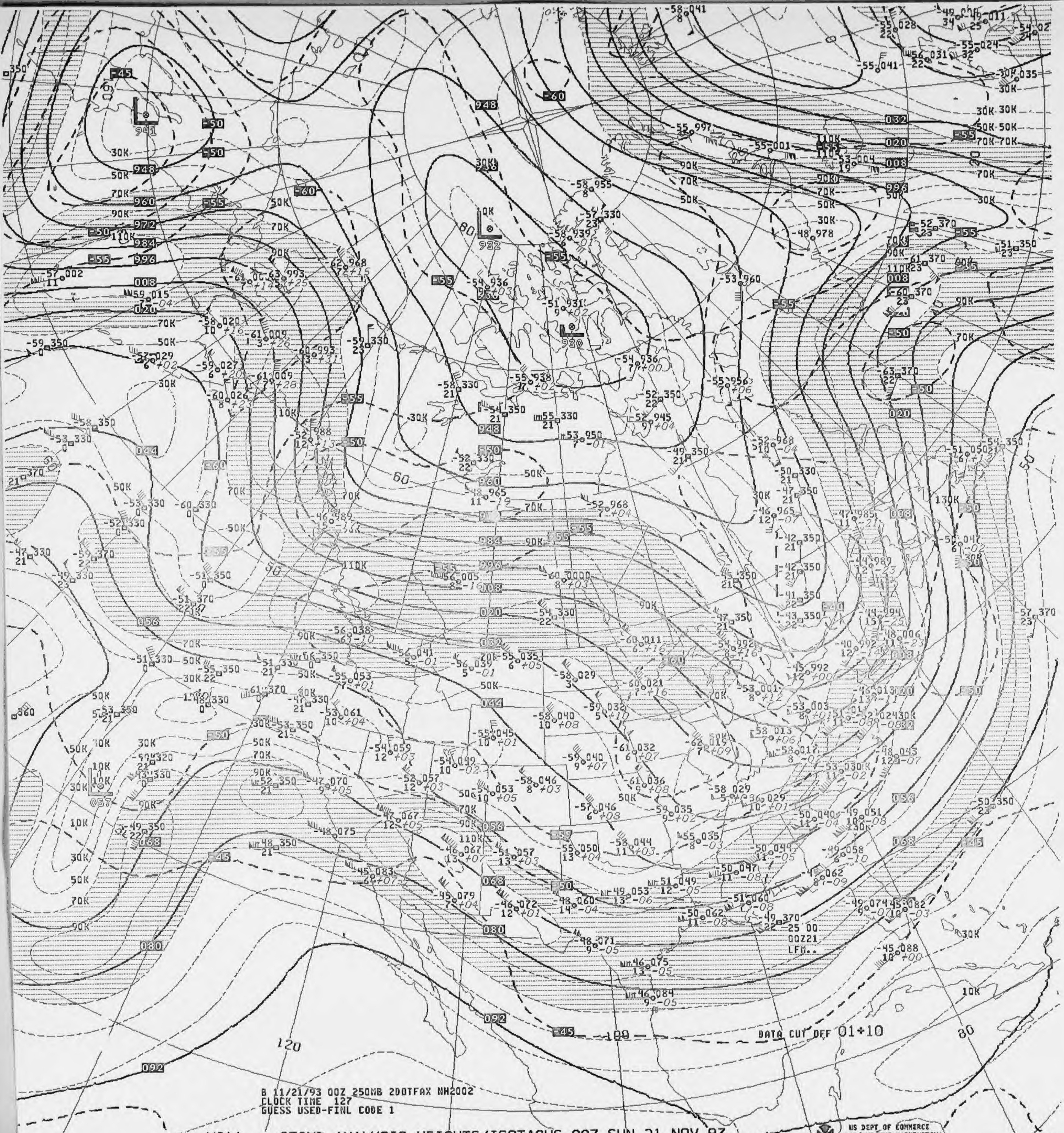
120
100
30K
50K
70K
90K
110K
10K

B 11/20/93 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1331
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 20 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



DATA CUT OFF 01+10
120
80
109
948
960
972
984
996
008
020
032
044
056
068
080
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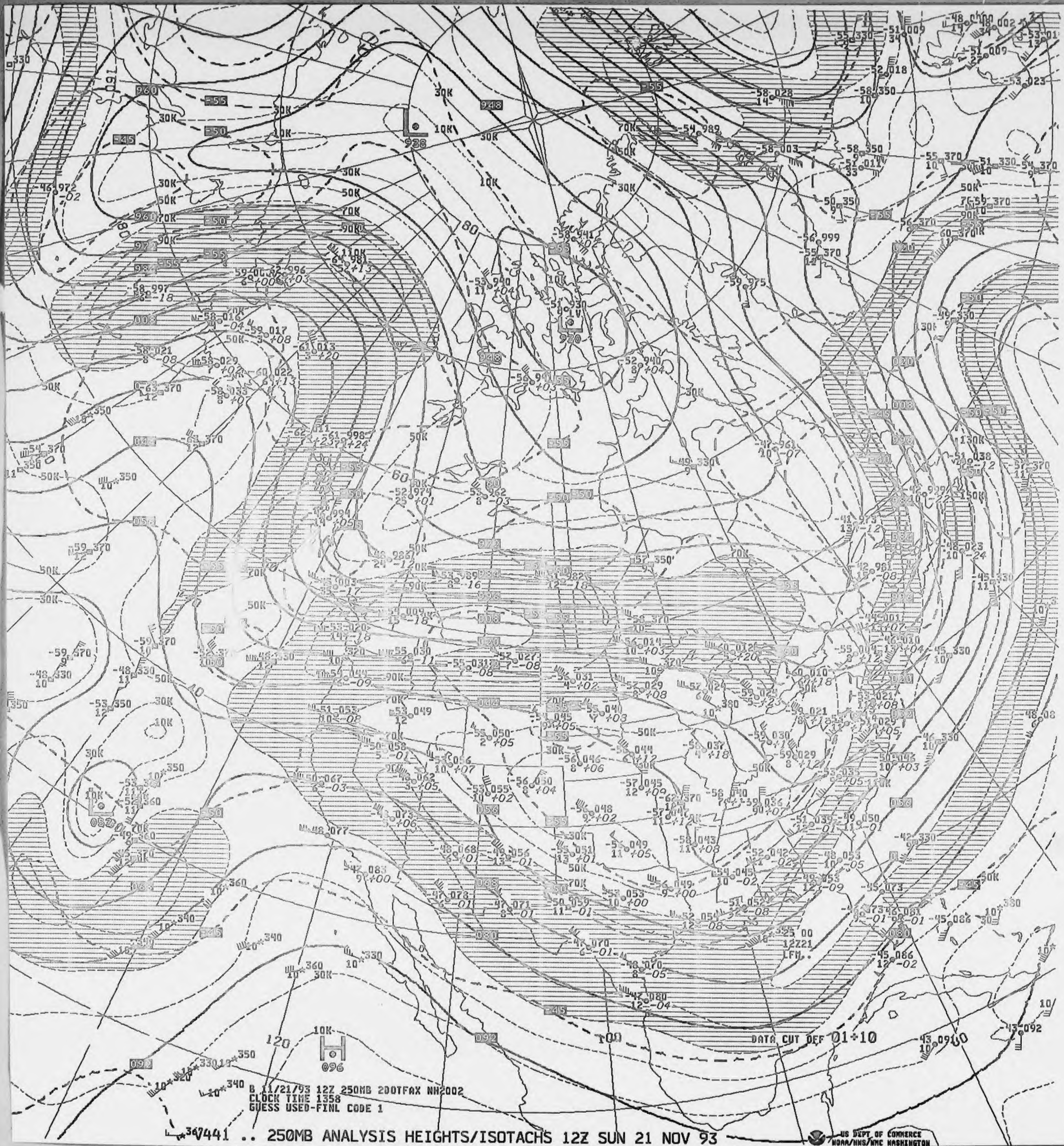
30K
50K
70K
90K
110K
130K
-45
-50
-55
-60

B 11/21/93 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

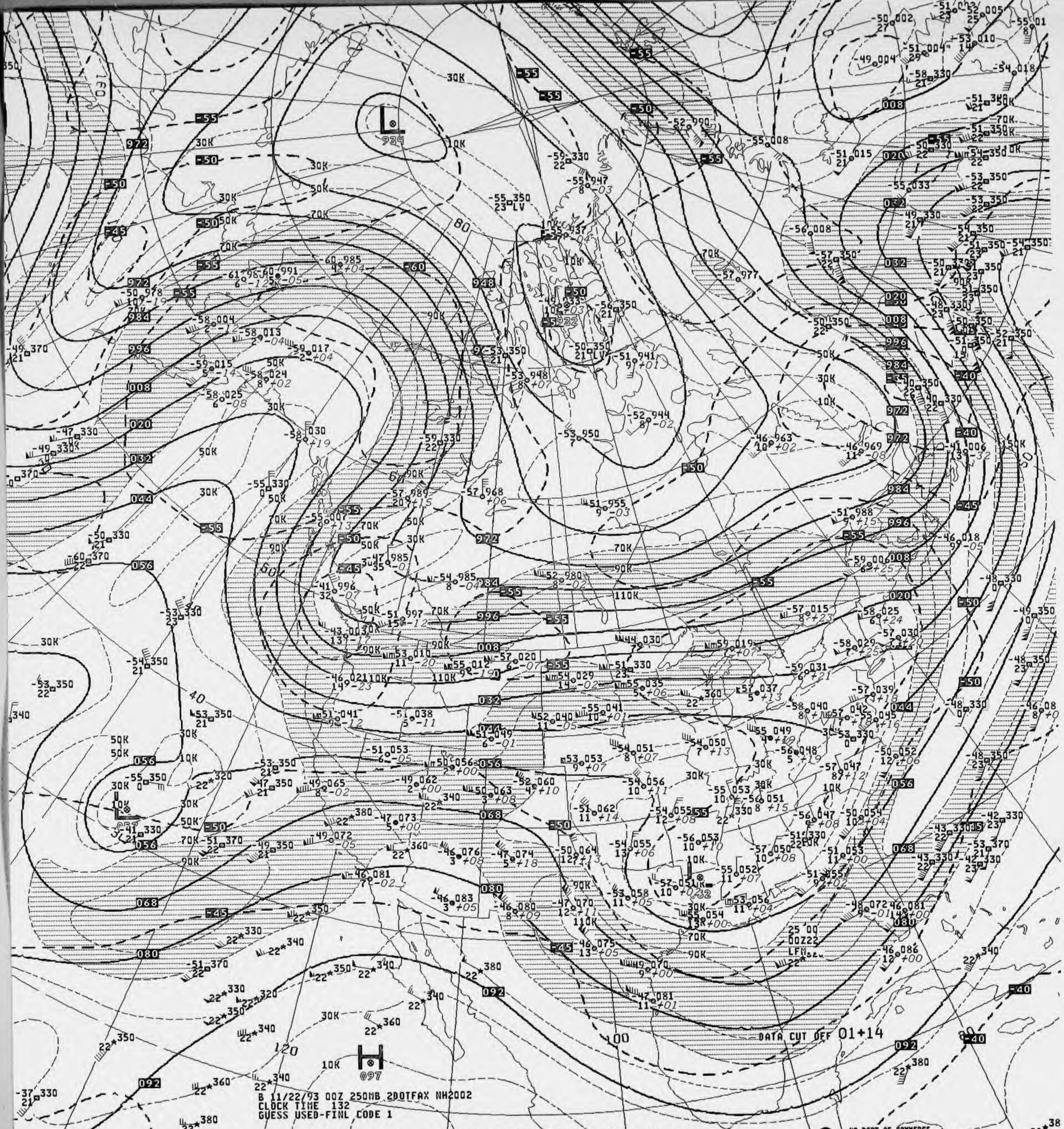
V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 21 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+10
B 11/21/93 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1358
GUESS USED-FINL CODE 1

7441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 21 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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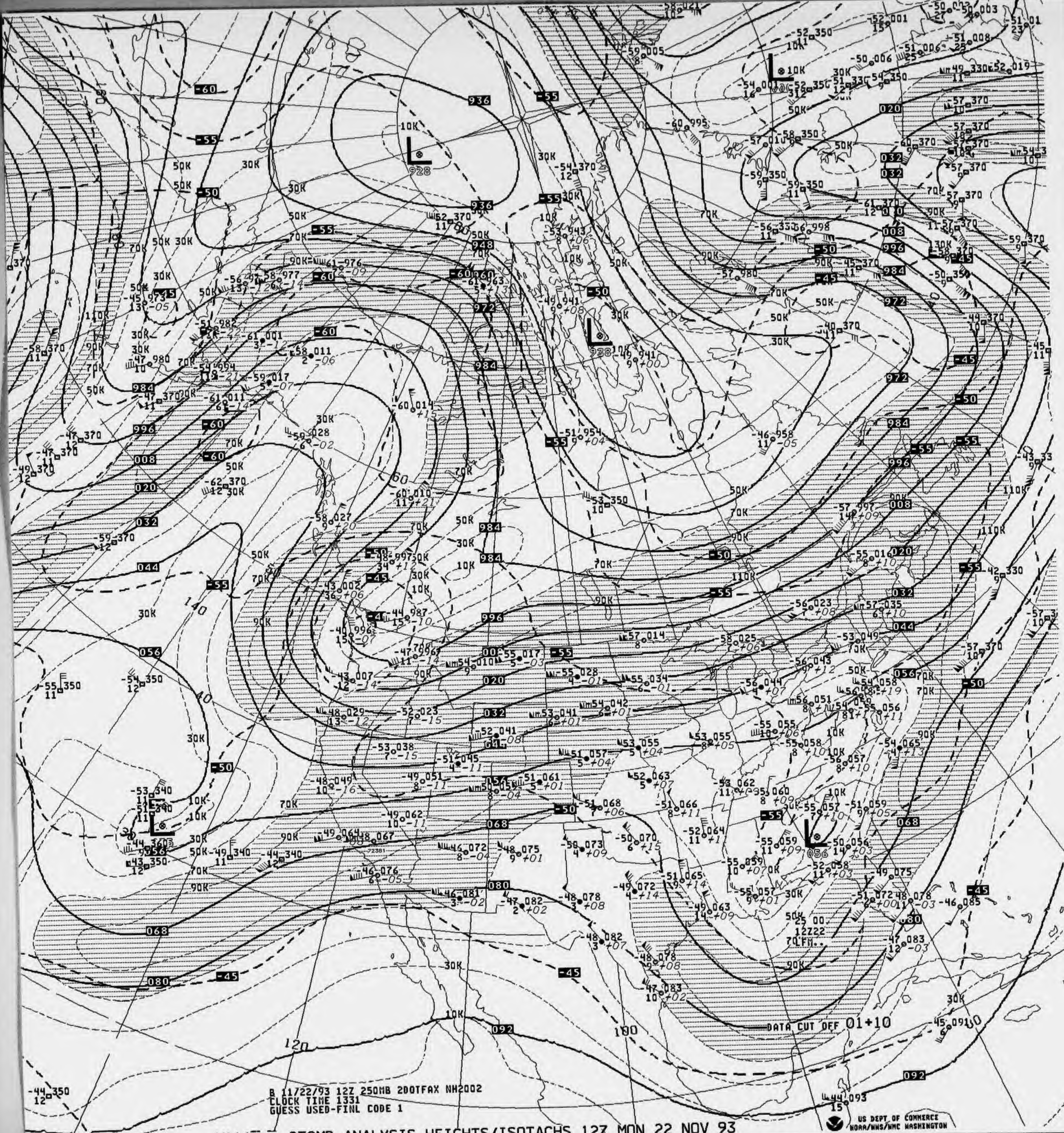
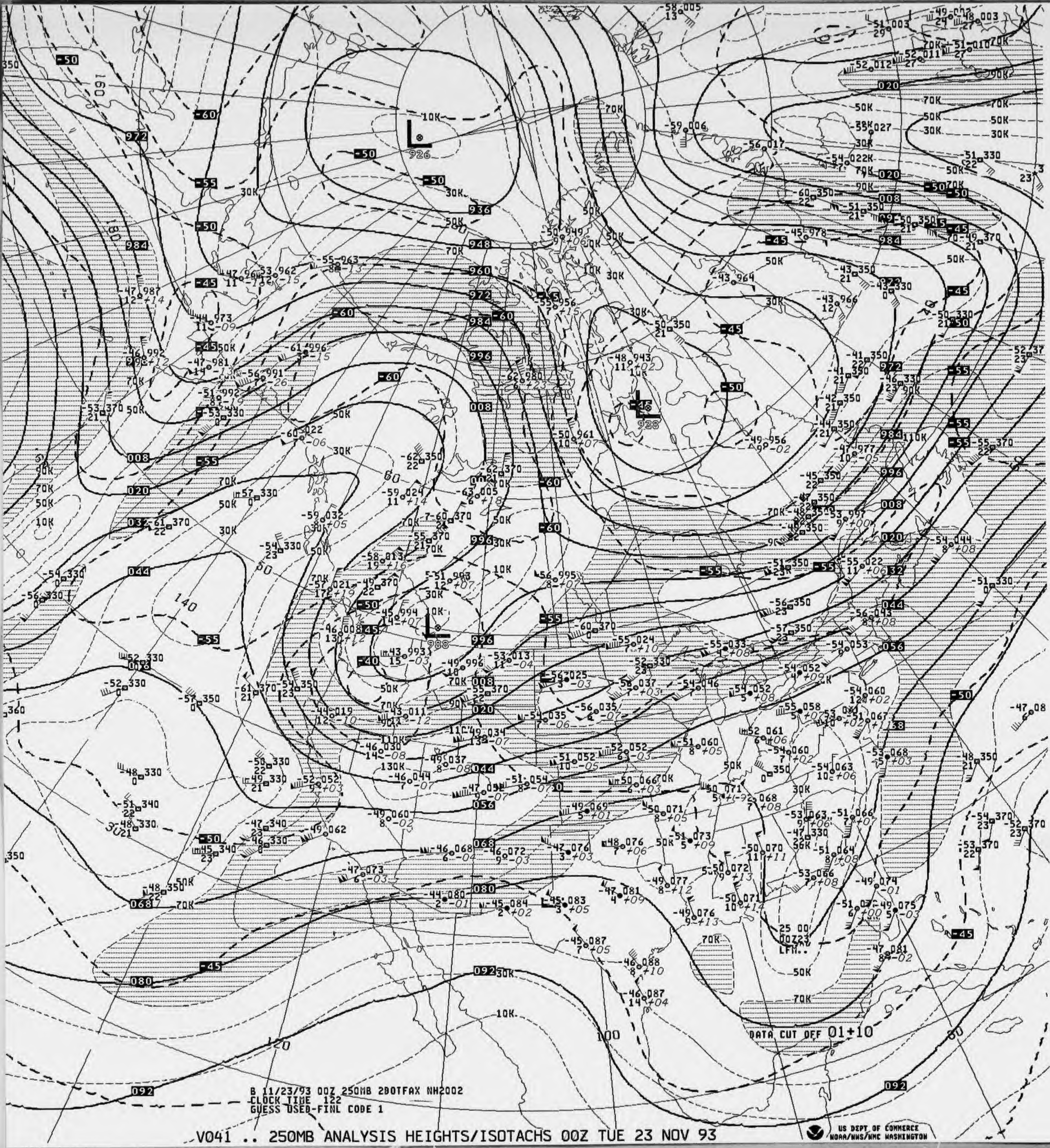
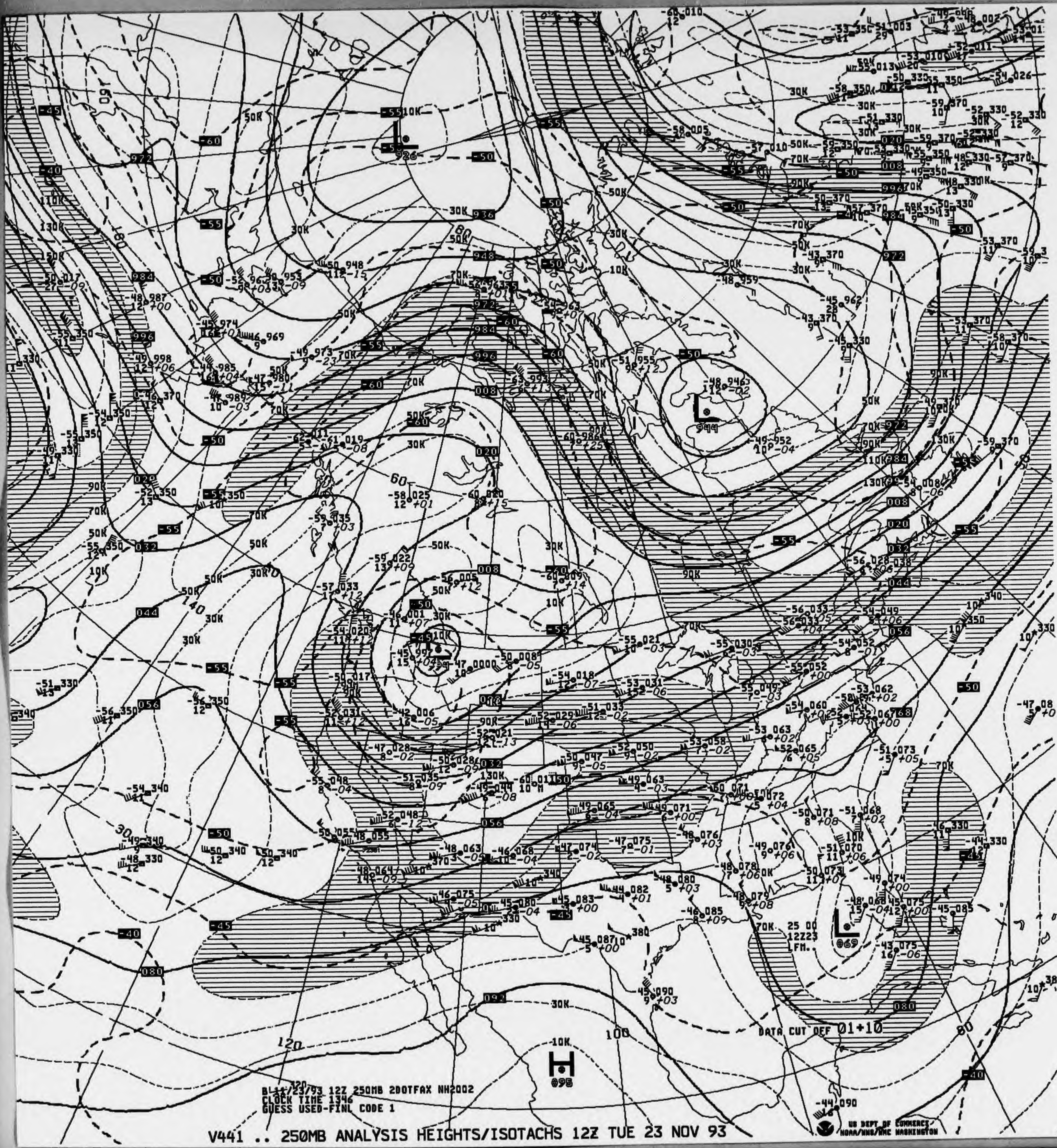
CLOCK TIME 132
GUESS USED-FINL CODE 1
DATA CUT OFF 01+14
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
L
924
H
097

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 22 NOV 93


B 11/22/93 12Z 250MB 200TFAX NH2002
CLOCK TIME 1331
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 22 NOV 93




H
095
L
069
L
994
L
986
DATA CUT OFF 01+10
25 00
12Z23
LFM.
30K
50K
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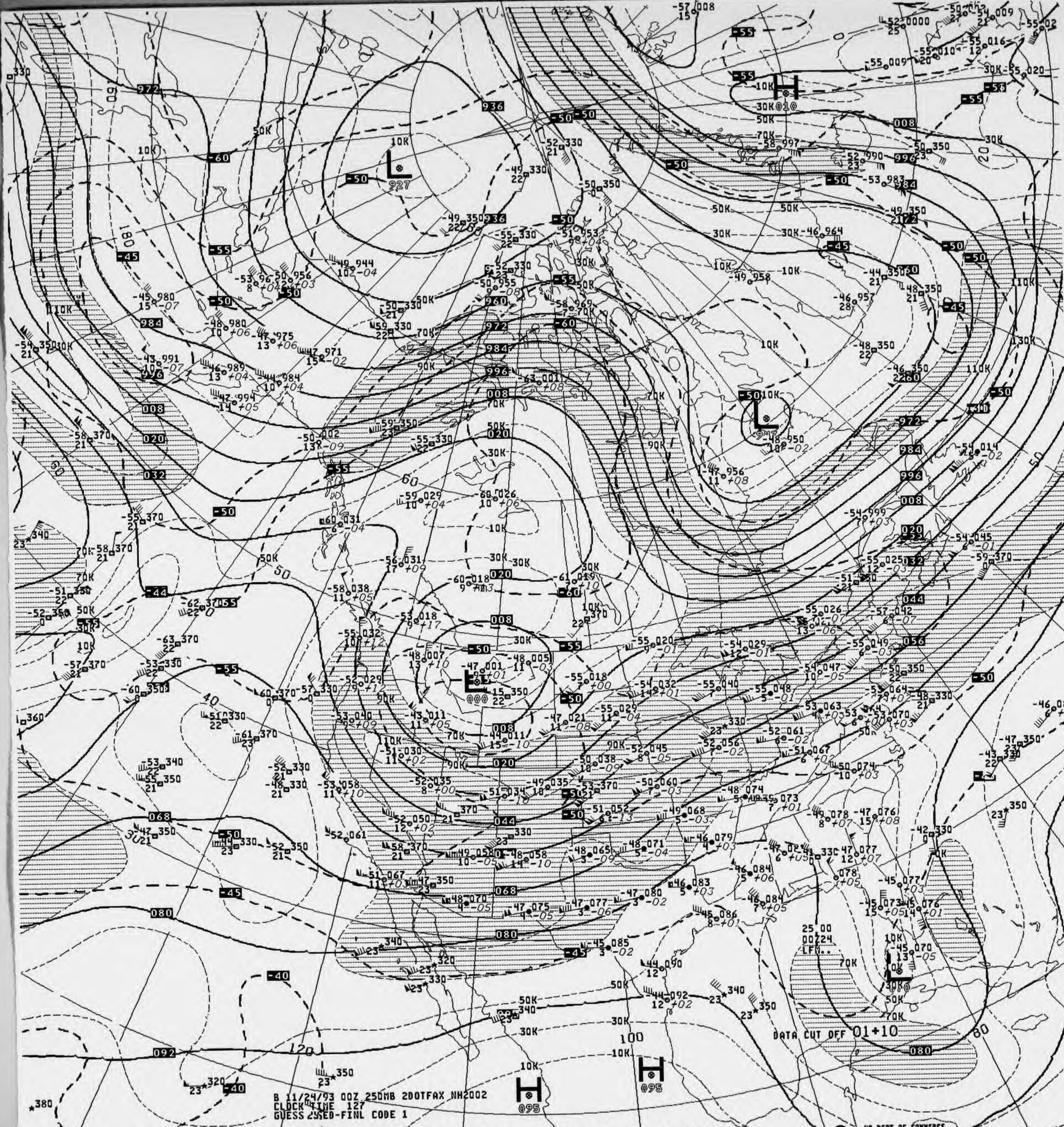
110K
130K
-10K
-40
-45
-50
-55
-60
080
092
100
120
140
80
60
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 11/23/93 12Z 250MB 2D0TFAX NH2002
CLOCK TIME 1346
GUESS USED-FINL CODE 1

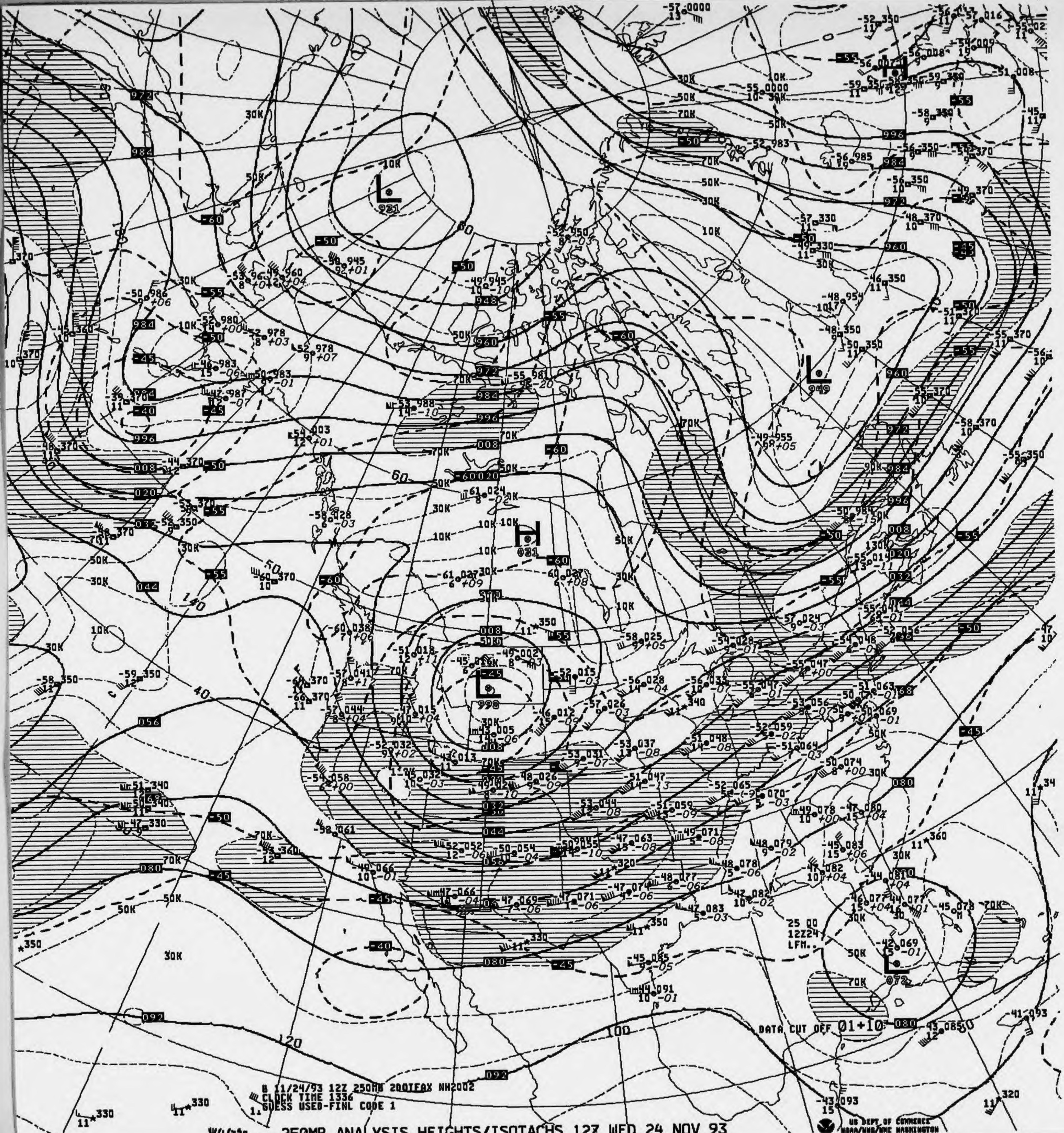
V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 23 NOV 93



B 11/24/93 00Z 250MB 200TFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 24 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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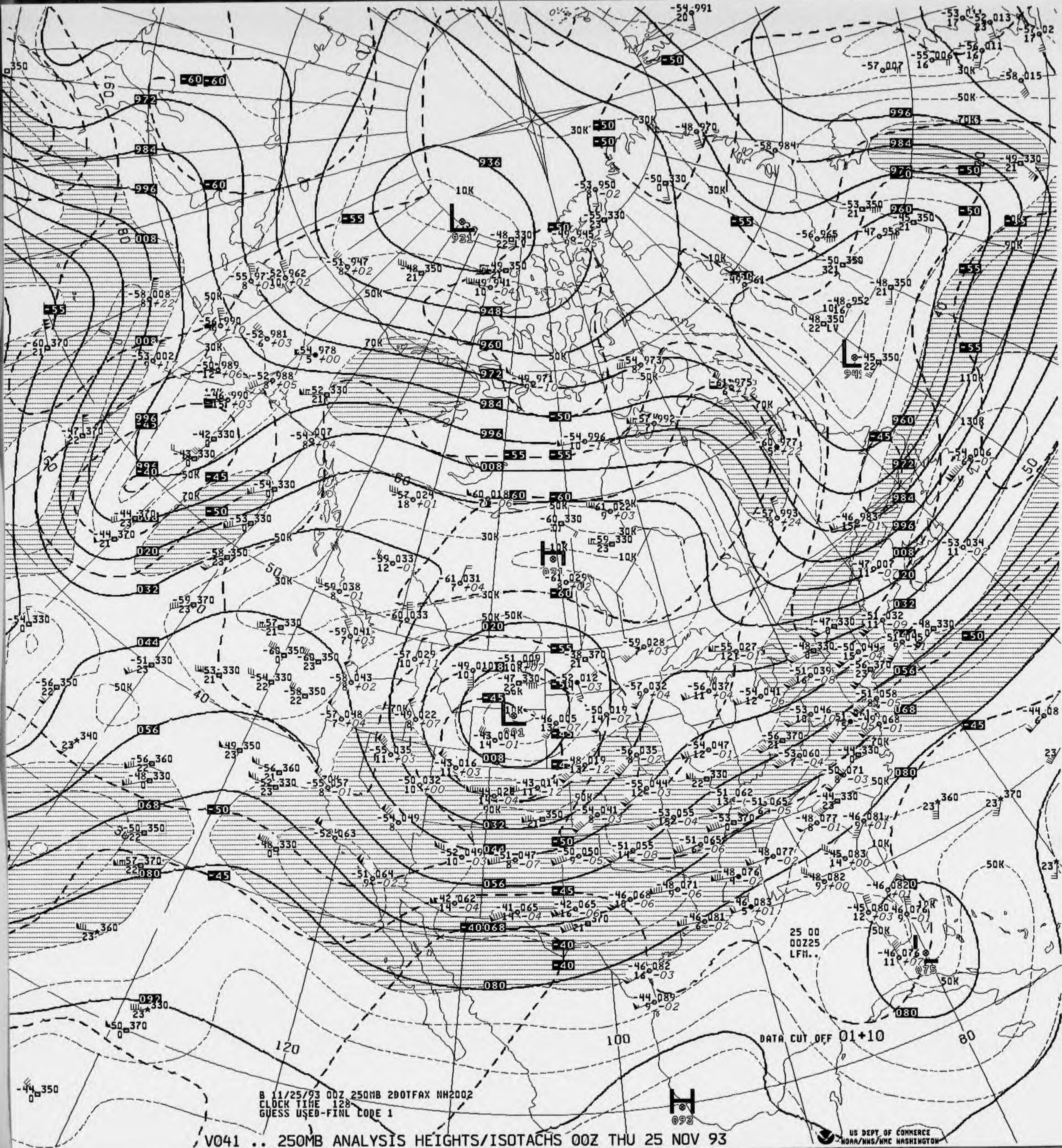
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V4430 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 24 NOV 93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NOAA/NWS/NMC WASHINGTON
120
100
80
160
180
40
50
936
948
960
972
984
996
008
020
032
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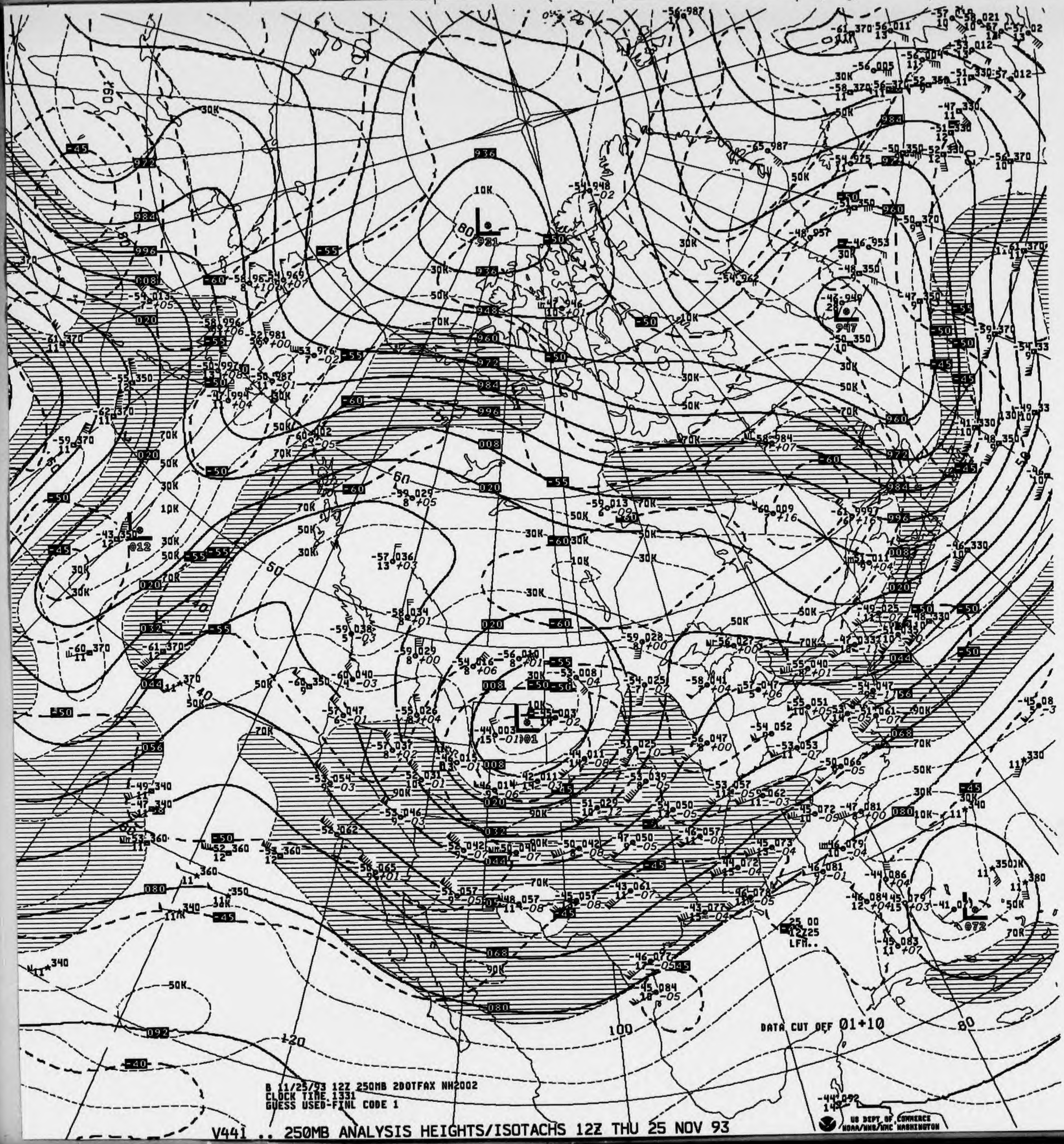
056
068
080
092

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 25 NOV 93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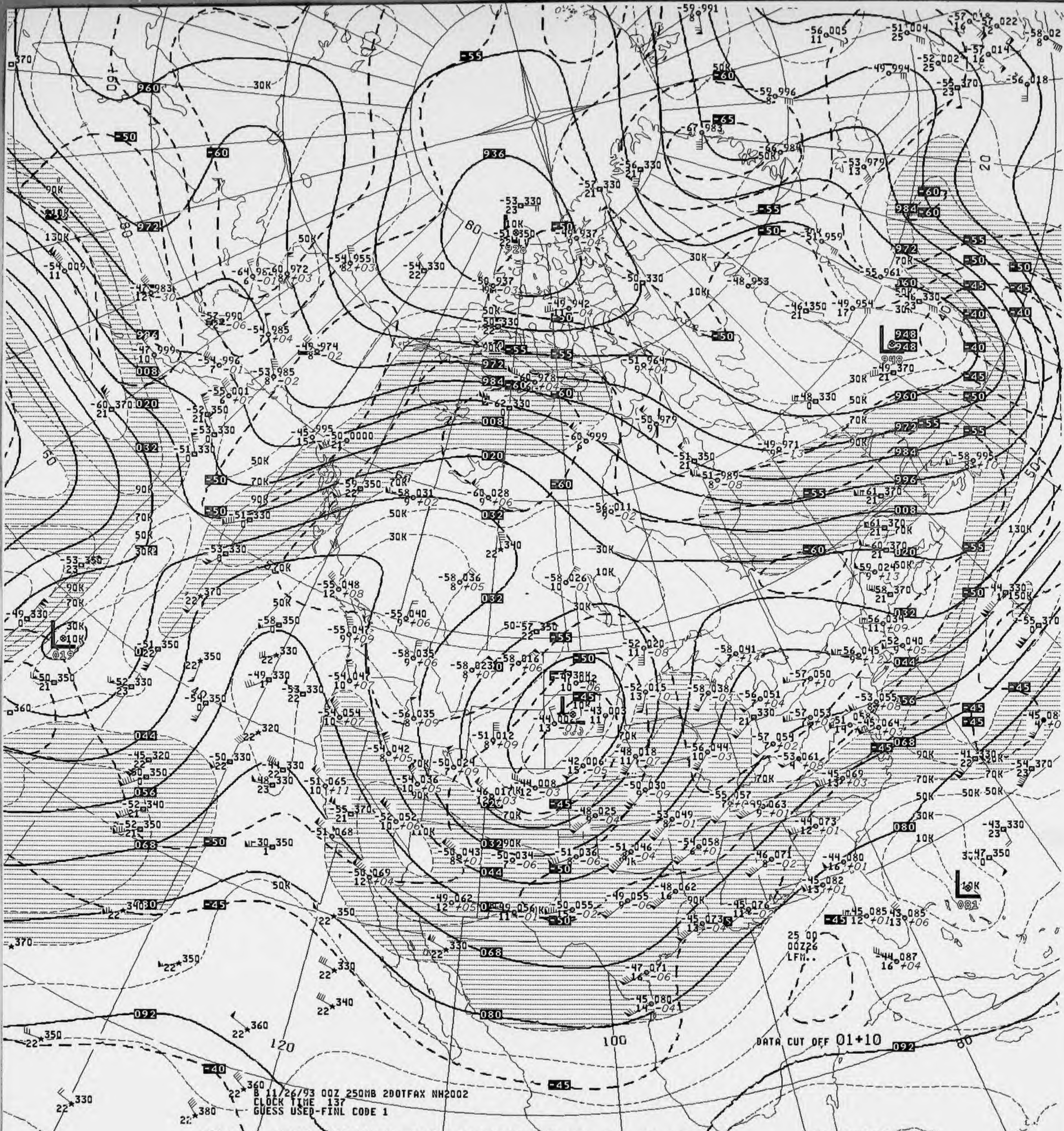
936
948
960
972
984
996
008
020
032
044
056
068
080
092
10K
30K
50K
70K
90K
-40
-45
-50
-55
-60
120
100
80
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 11/25/93 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1331
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 25 NOV 93



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CLOCK TIME 137
GUESS USED-FINL CODE 1
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00Z26
LFM..
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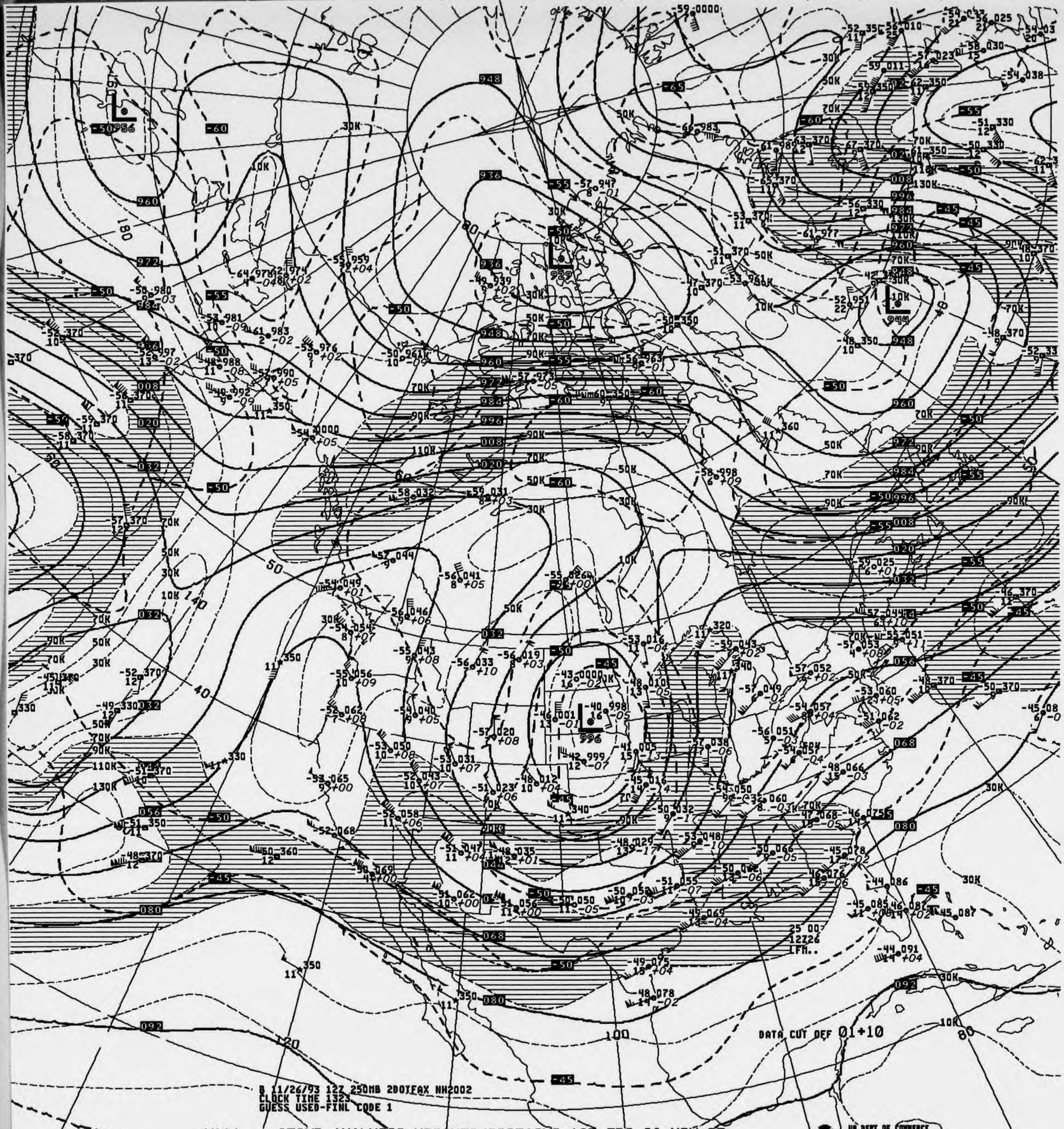
972
984
996
008
020
032
044
056
068
080
092
936
948
-40
-45
-50
-55
-60
-65
30K
50K
70K
90K
110K
130K
150K
120
100
80
60
50
40
20

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 26 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



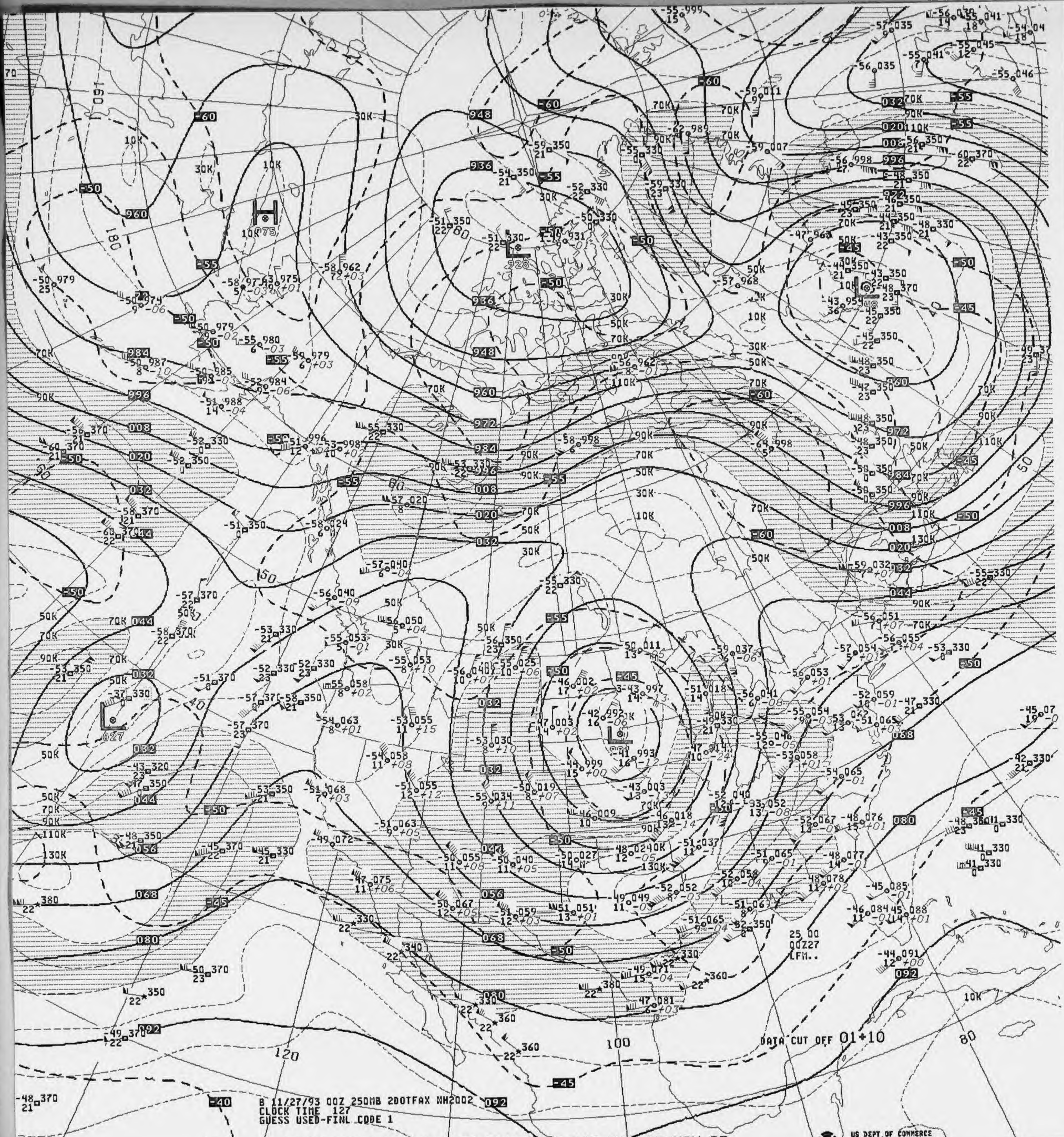
L
L
L
L
948
936
929
944
960
972
984
996
008
020
032
056
068
080
092
-45
-50
-55
-60
-65
10K
30K
50K
70K
90K
110K
130K
180
140
120
100
80
60
50
40

DATA CUT OFF 01+10

B 11/26/93 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1323
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 26 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 127
GUESS USED-FINL CODE 1
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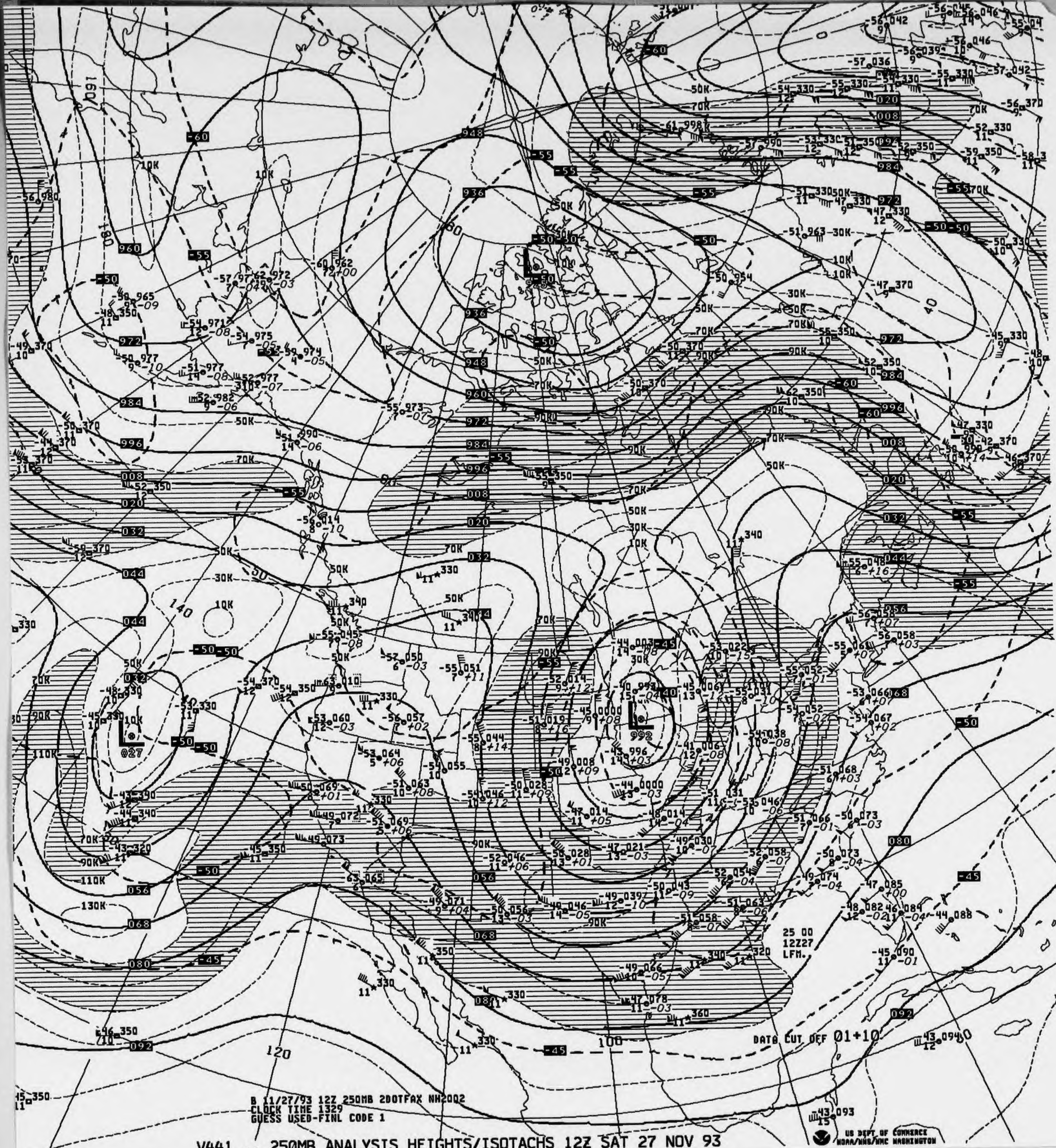
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 27 NOV 93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LFM.
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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CLOCK TIME 1329
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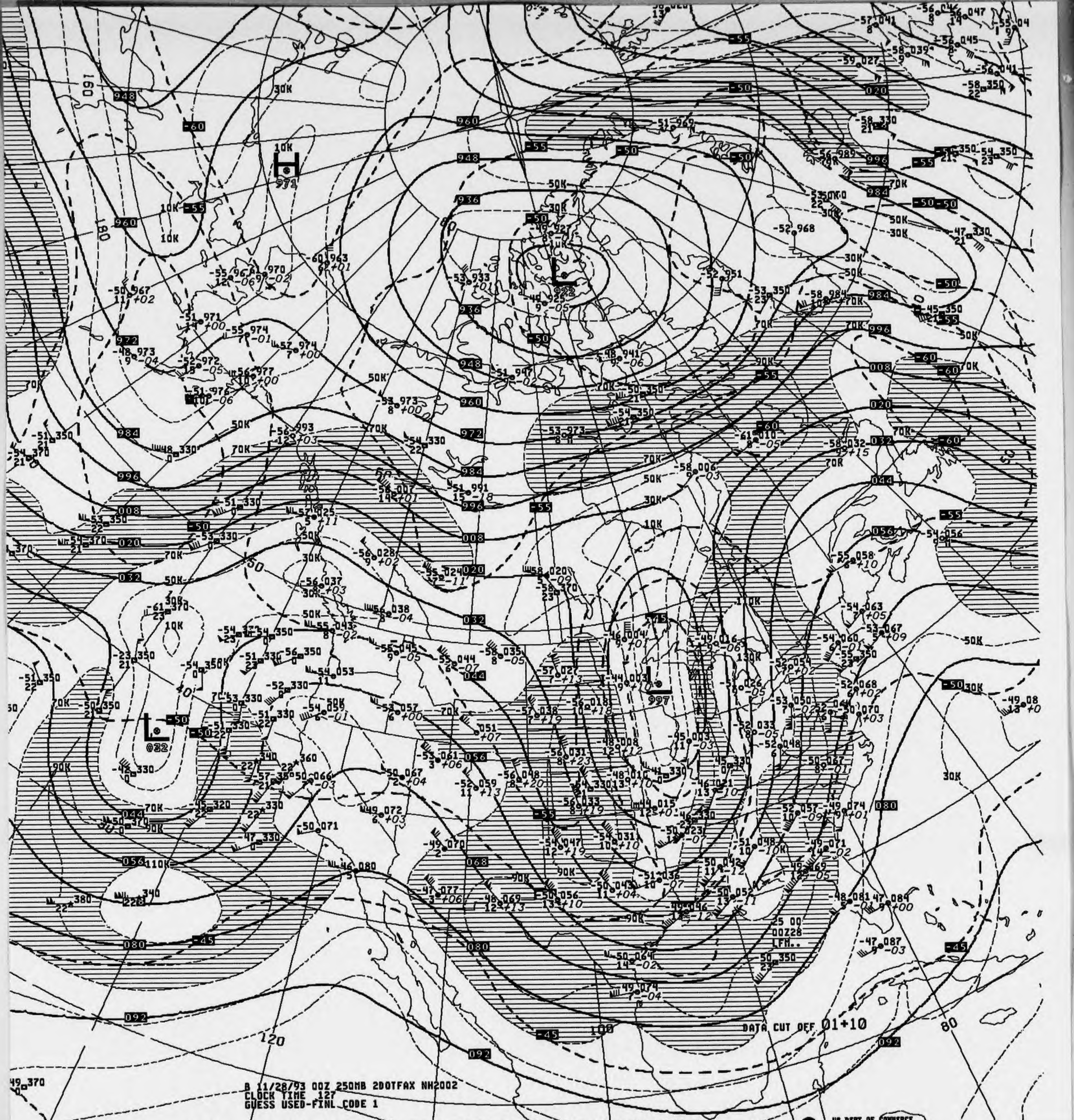
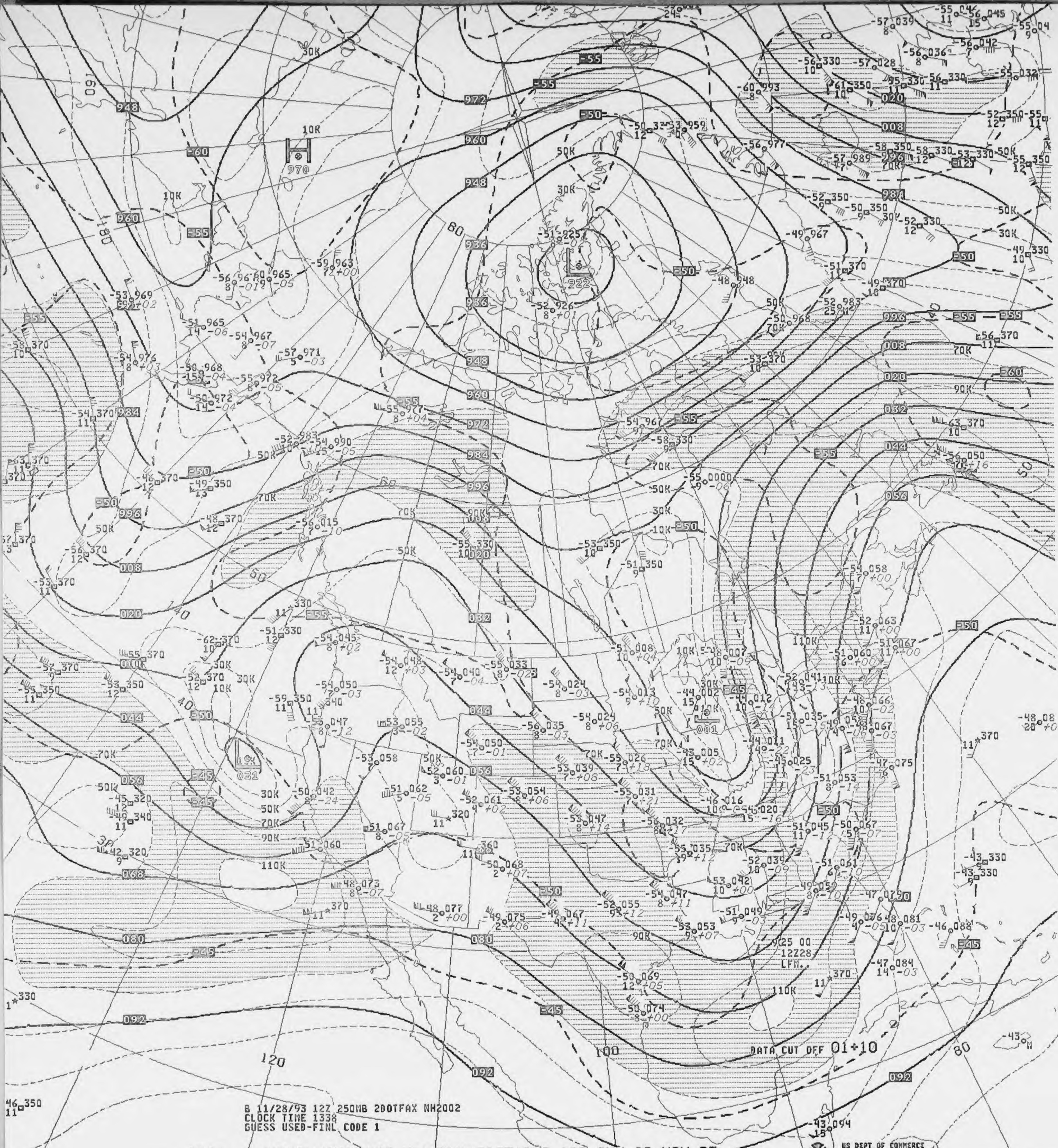
V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 27 NOV 93


160
180
120
100
80
60
50
40
30K
10K
50K
70K
90K
110K
H
L
948
960
972
984
996
008
020
032
044
056
068
080
092
-45
-50
-55
-60
DATA CUT OFF 01+10
25 00
00Z28
LFM..

B 11/28/93 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 28 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+10
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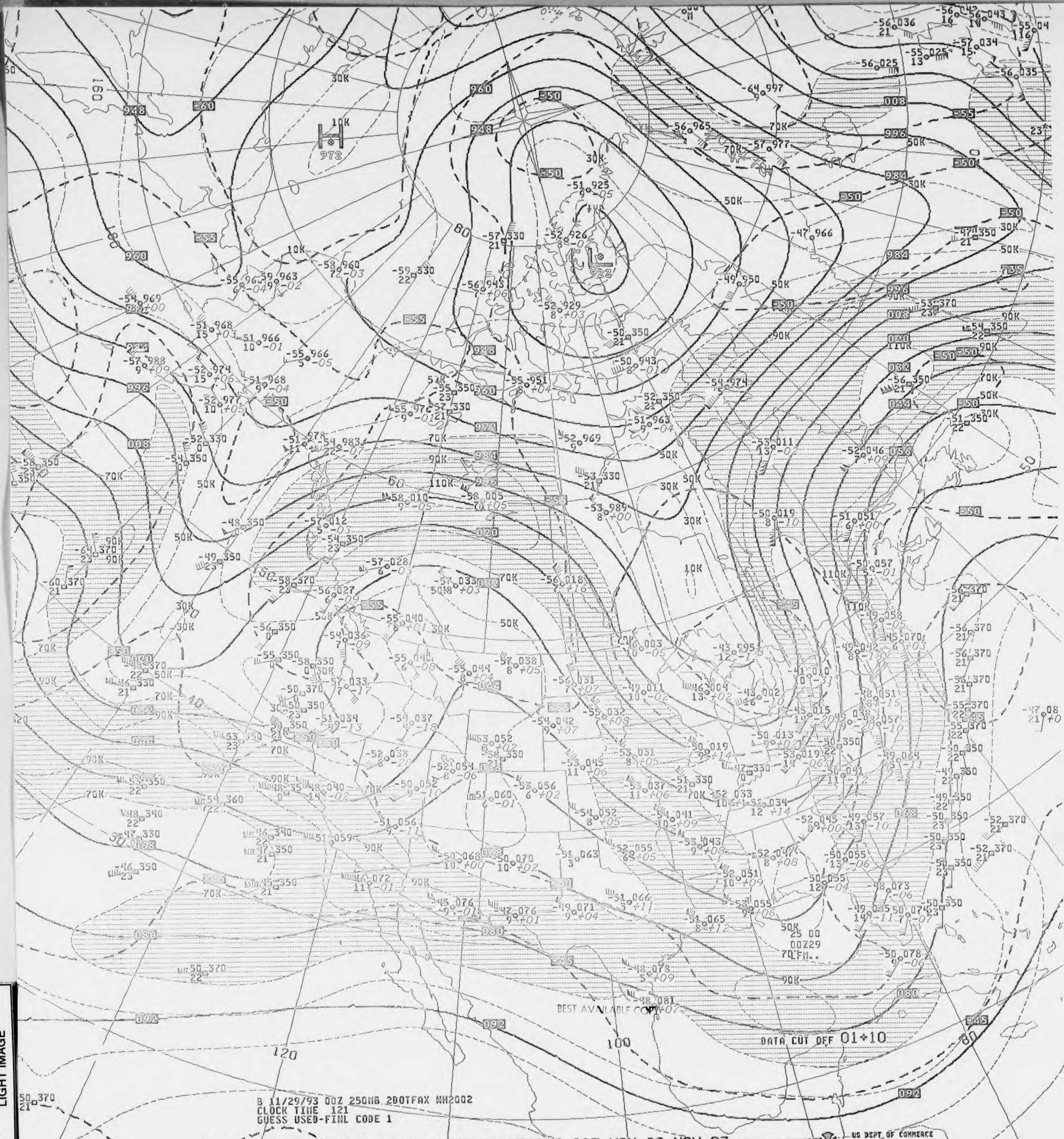
12Z28
LFM.

B 11/28/93 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1338
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 28 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

BEST AVAILABLE RECORD
LIGHT IMAGE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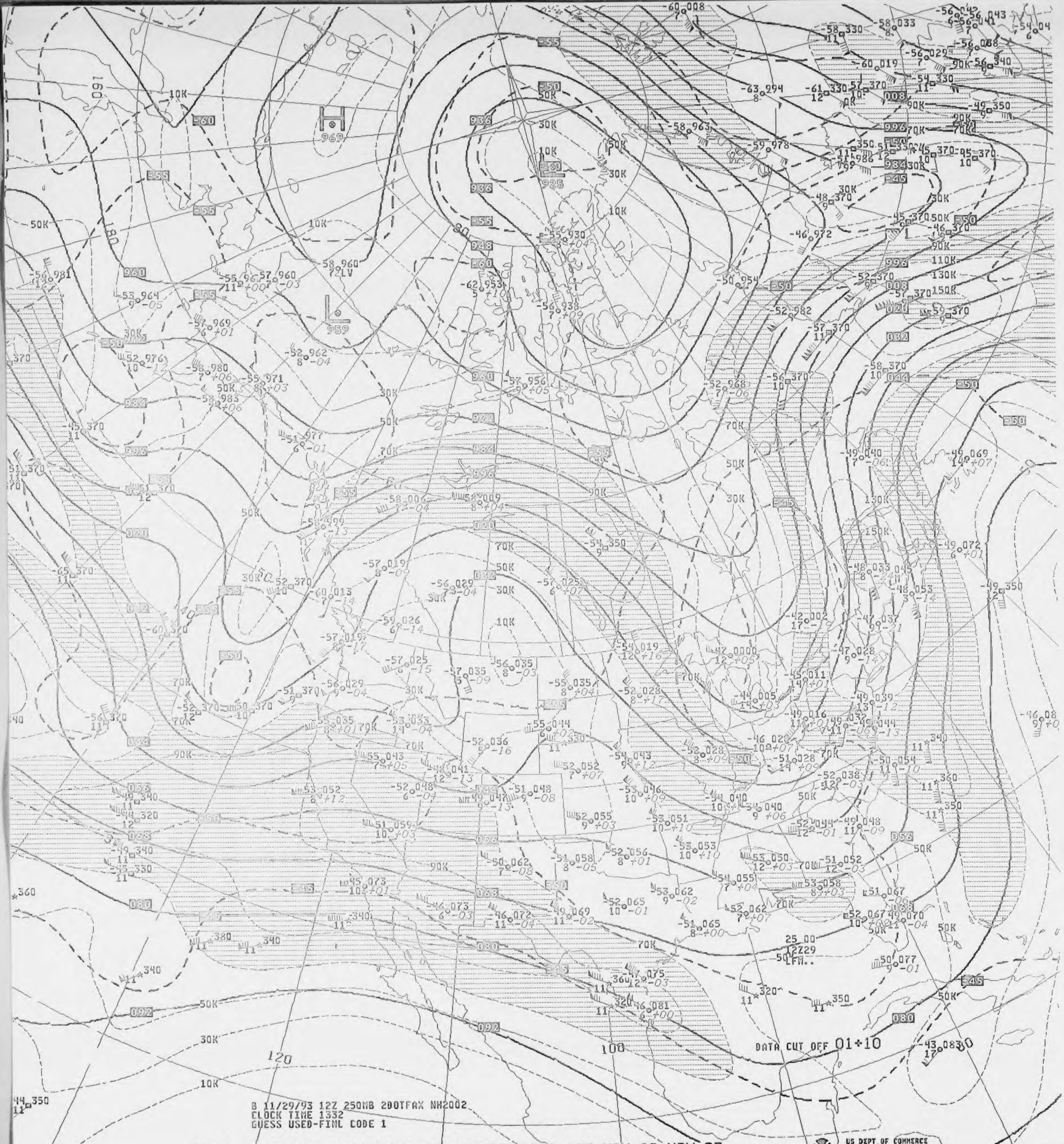
BEST AVAILABLE COPY
B 11/29/93 00Z 250MB 200TFAX NH2002
CLOCK TIME 121
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 29 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

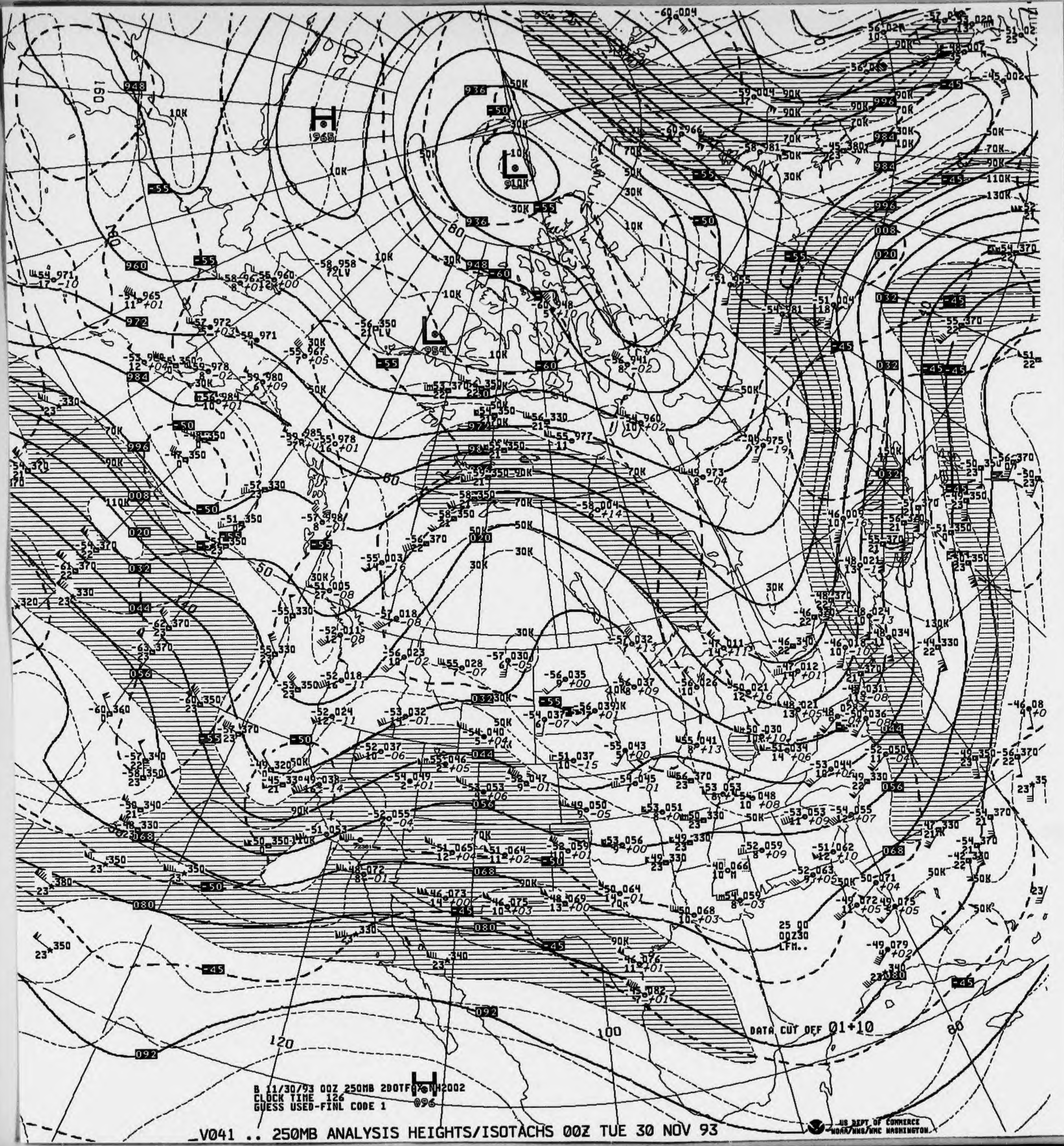


B 11/29/93 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1332
GUESS USED-FINL CODE 1

DATA CUT OFF 01+10

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 29 NOV 93 .

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/30/93 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 126
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
25 00
00Z30
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
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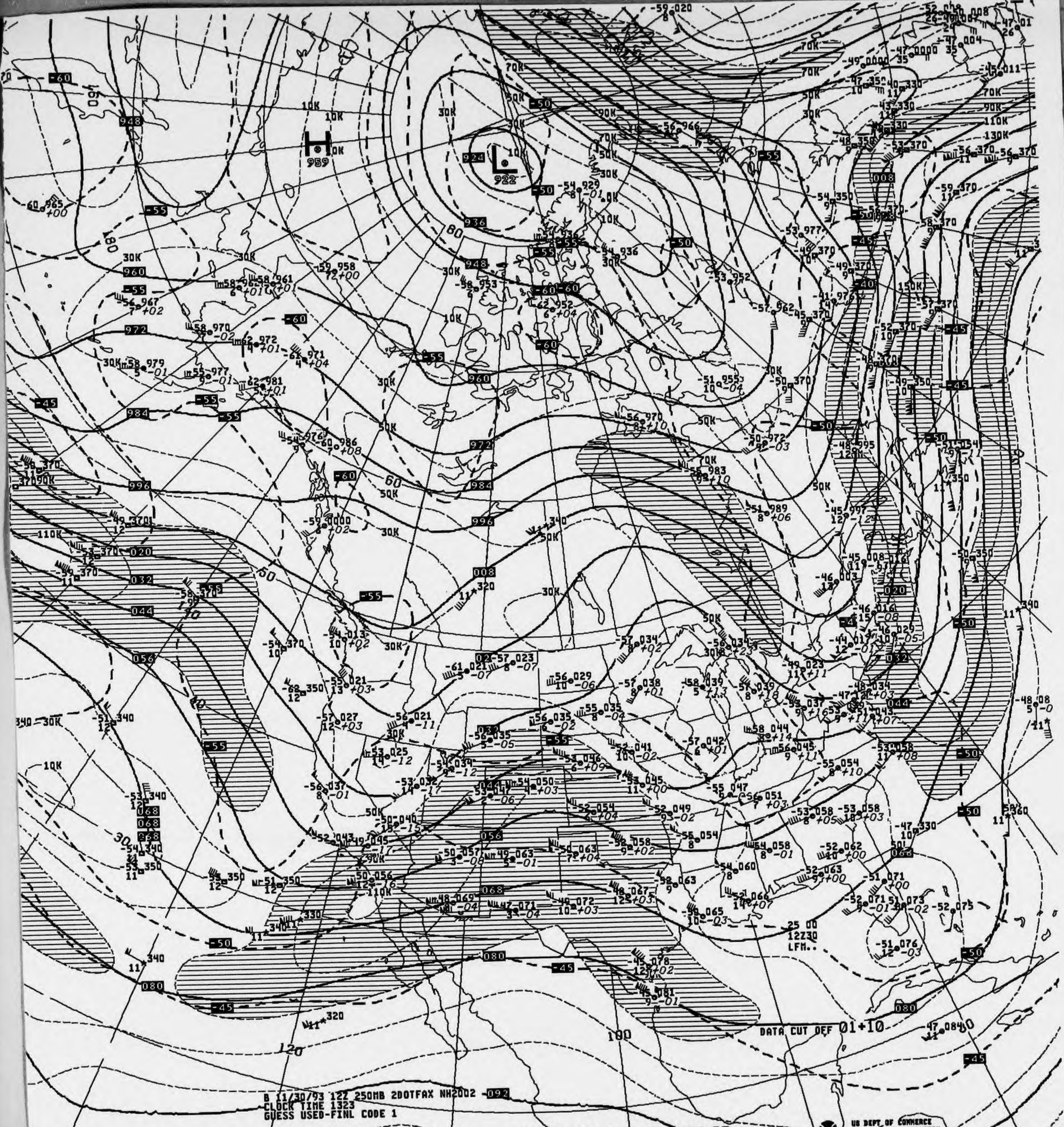
140
120
100
80
60
50
40

_V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 30 NOV 93


H
959
L
922
DATA CUT OFF 01+10
25 00
12Z30
LFM..

B 11/30/93 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1323
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 30 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

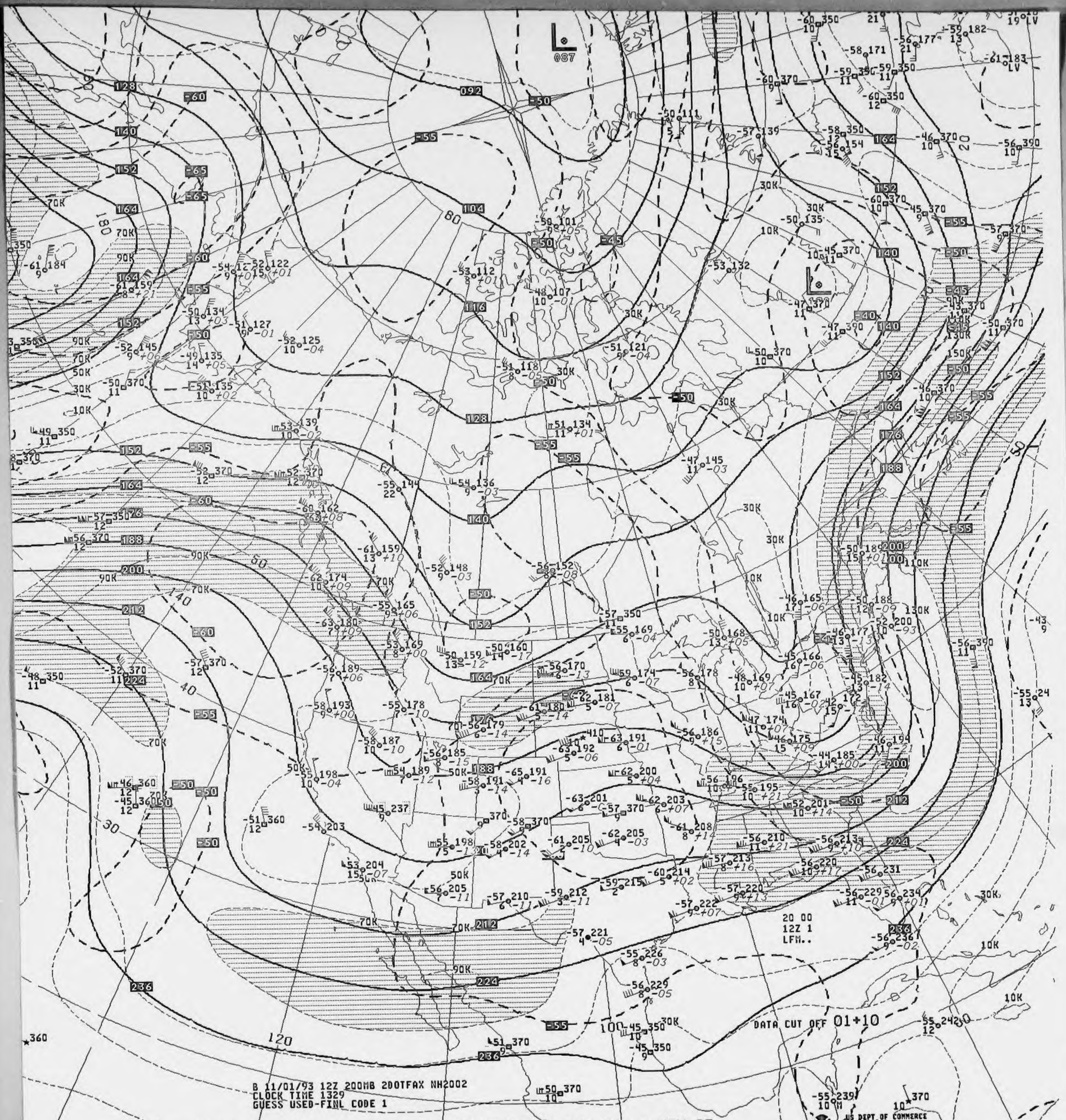
(Rev. 8 - 83)

National Oceanic and Atmospheric Administrati
National Environmental Satellite, Data, and Informatio
National Climatic Data Center

200 MB CONSTANT PRESSURE CHARTS

NORTH AMERICAN NMC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING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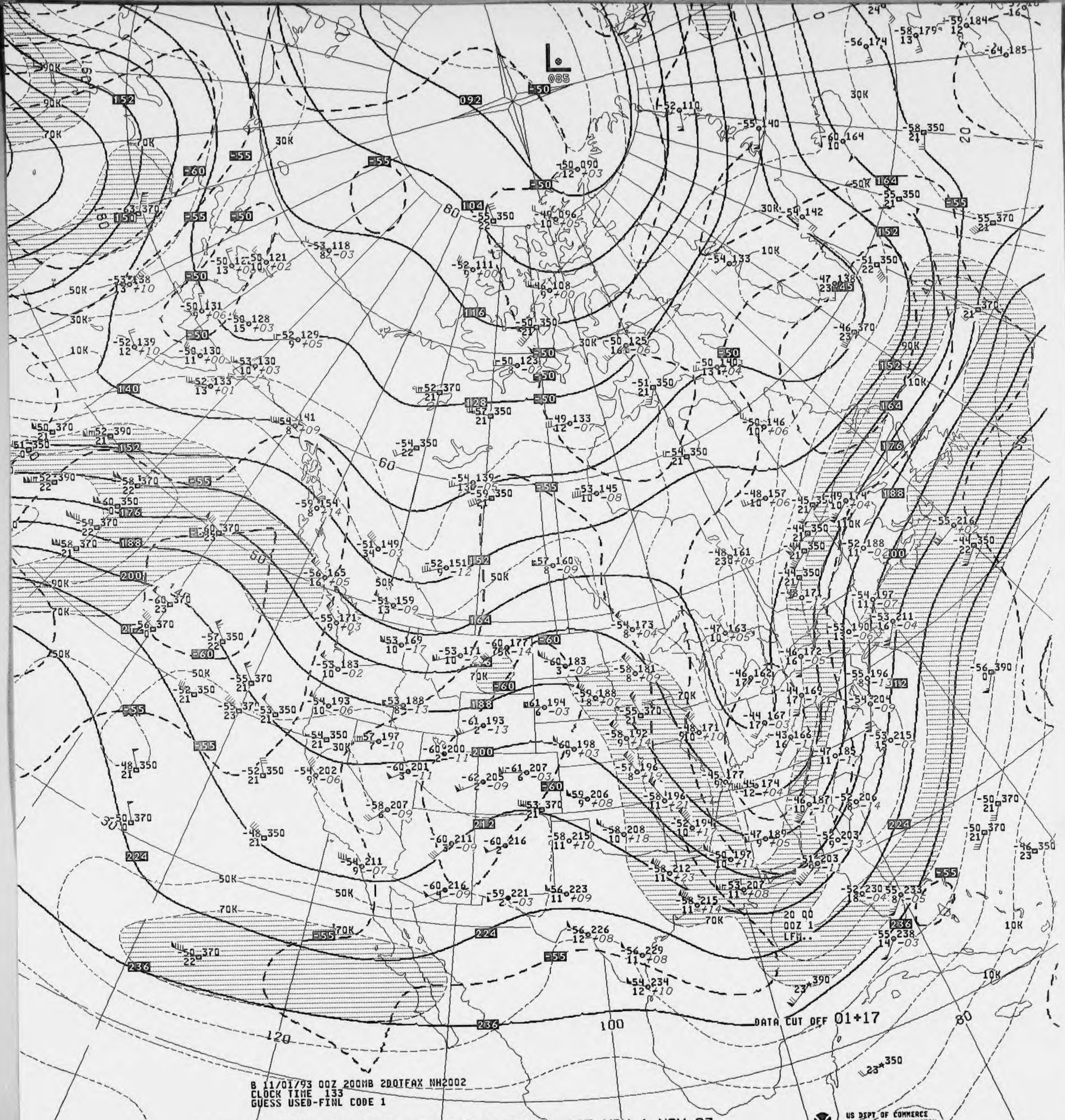
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

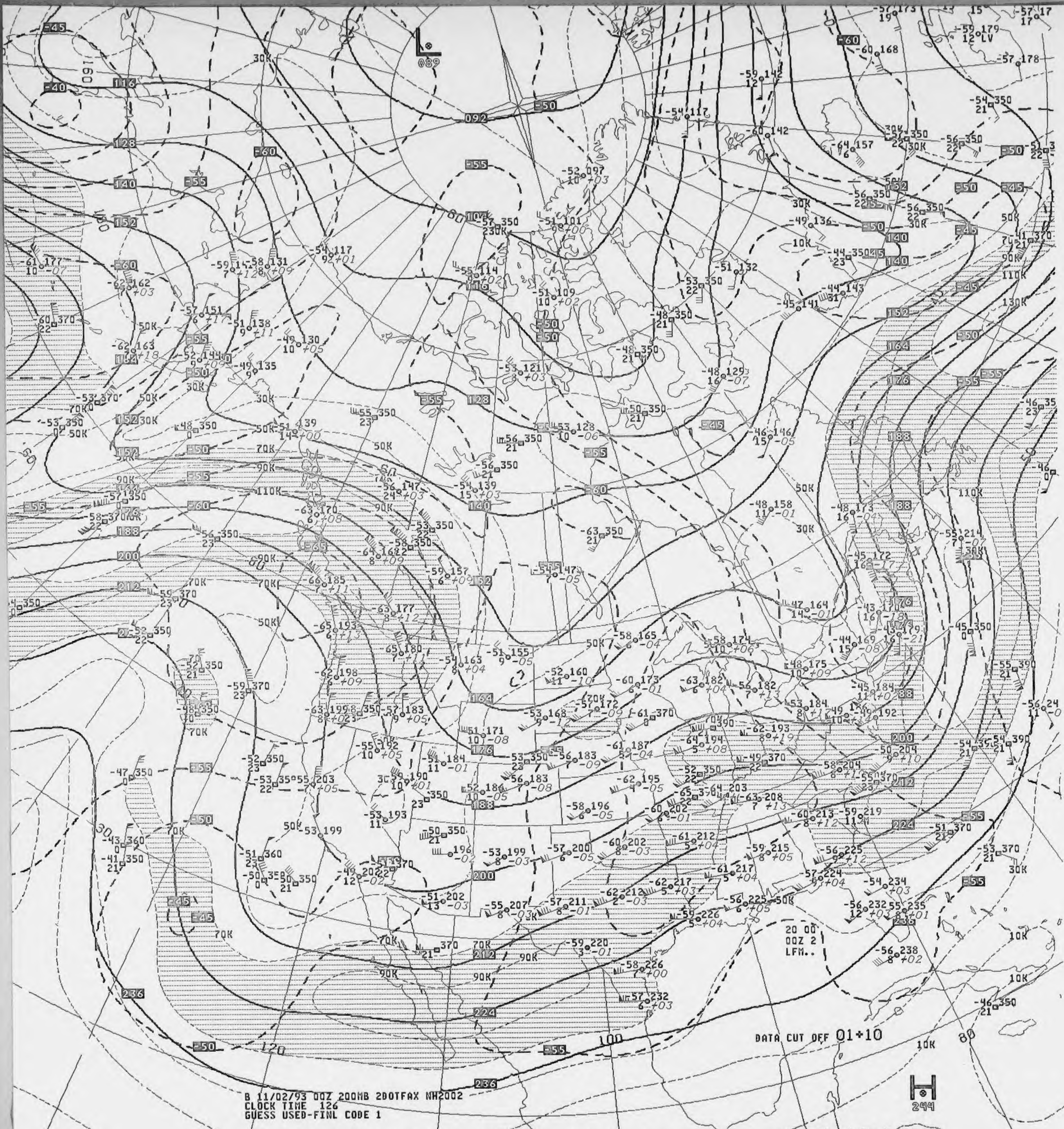
V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 1 NOV 93


L
085
092
104
116
128
140
150
152
164
176
188
200
212
224
236
-50
-55
-60
10K
30K
50K
70K
90K
60
80
100
120
20
DATA CUT OFF 01+17
20 QQ
00Z 1
LFM..

B 11/01/93 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 133
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 1 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
089
H
244
20 00
00Z 2
LFM..
DATA CUT OFF 01+10
100
120
80
60
30K
50K
70K
90K
110K
130K
092
104
116
128
140
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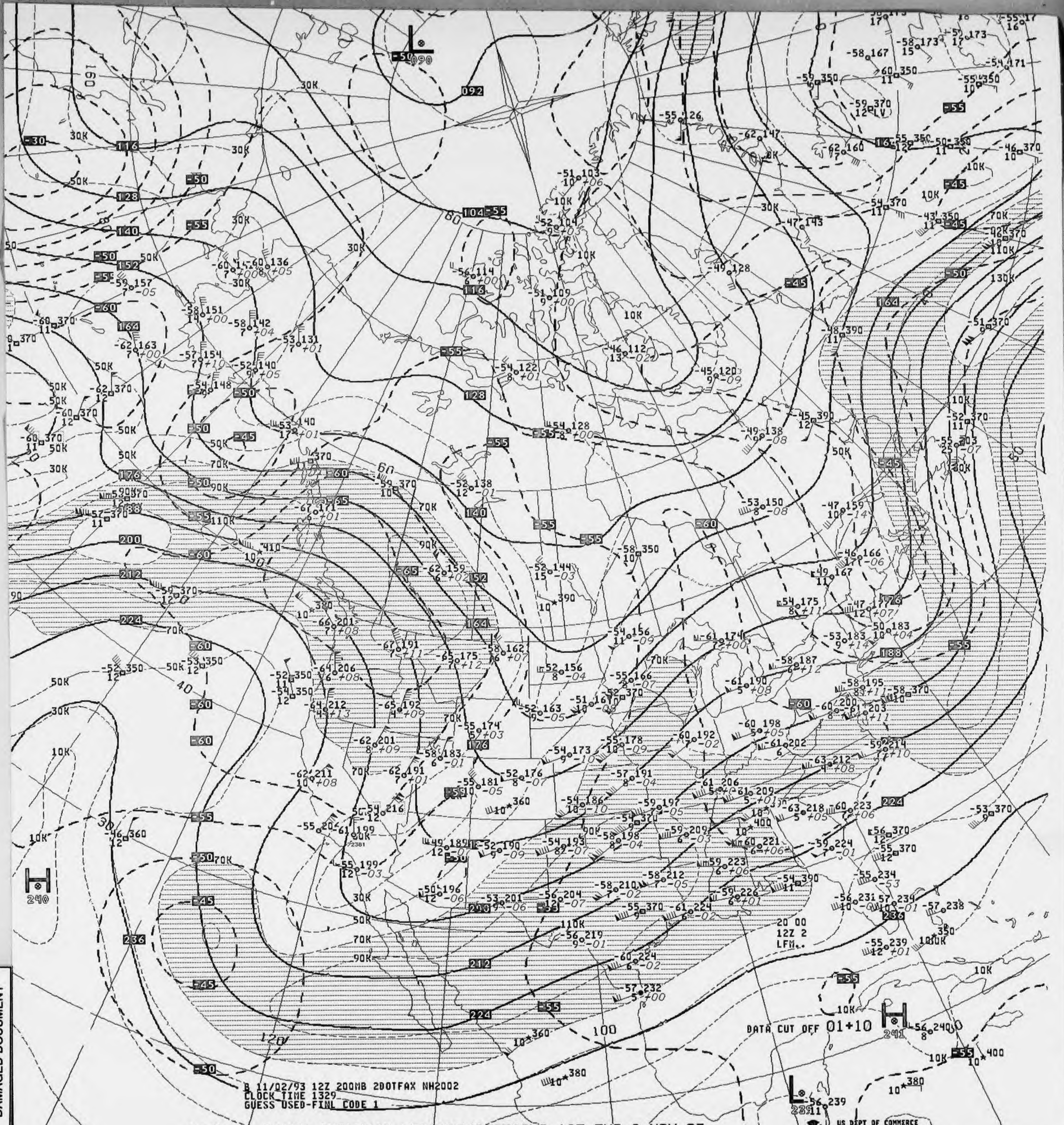
164
176
188
200
212
224
236
-40
-45
-50
-55
-60

B 11/02/93 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 126
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 2 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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CLOCK TIME 1329
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
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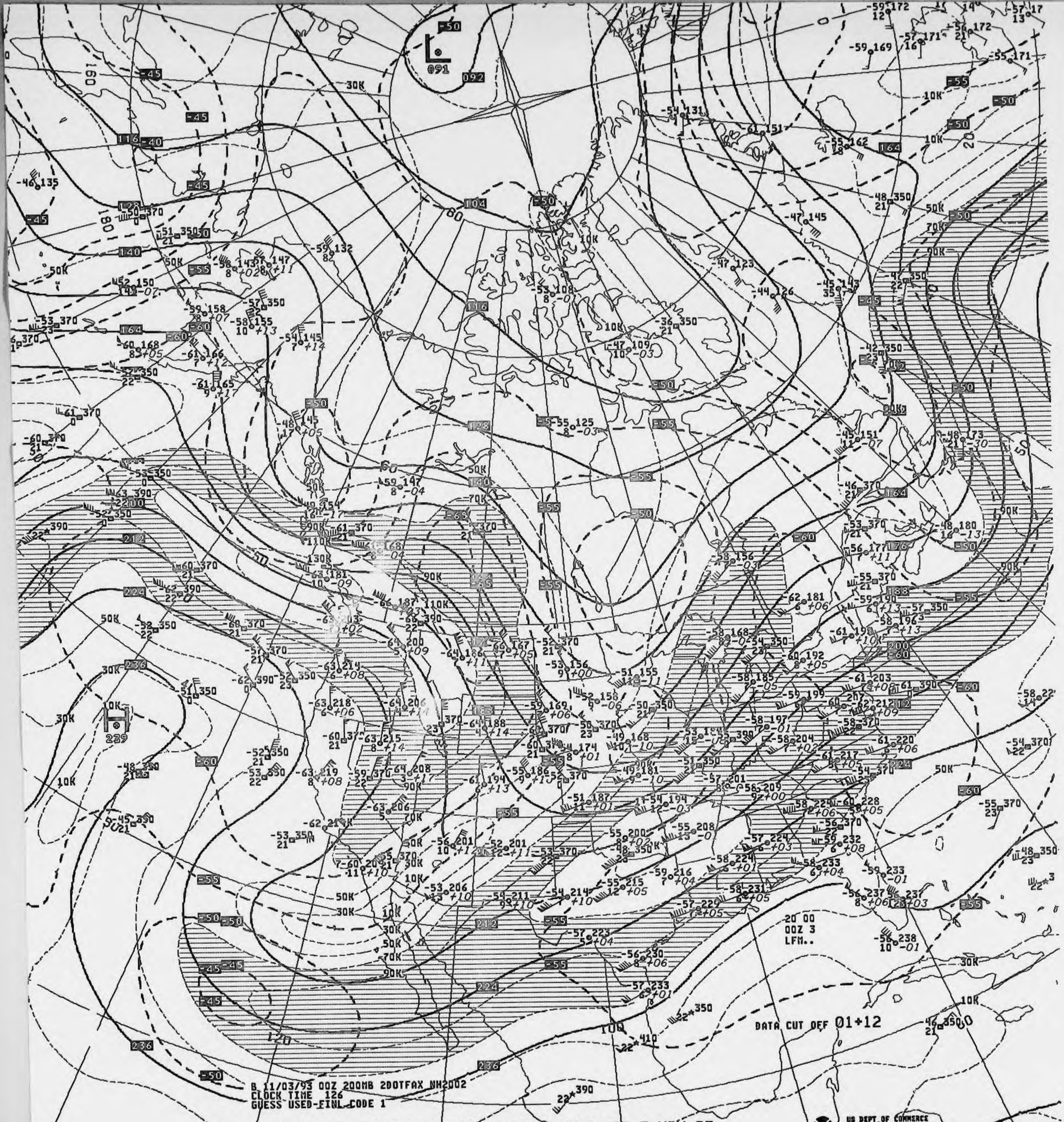
12Z 2
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 2 NOV 93

BEST AVAILABLE RECORD
DAMAGED DOCUMENT



DATA CUT OFF 01+12

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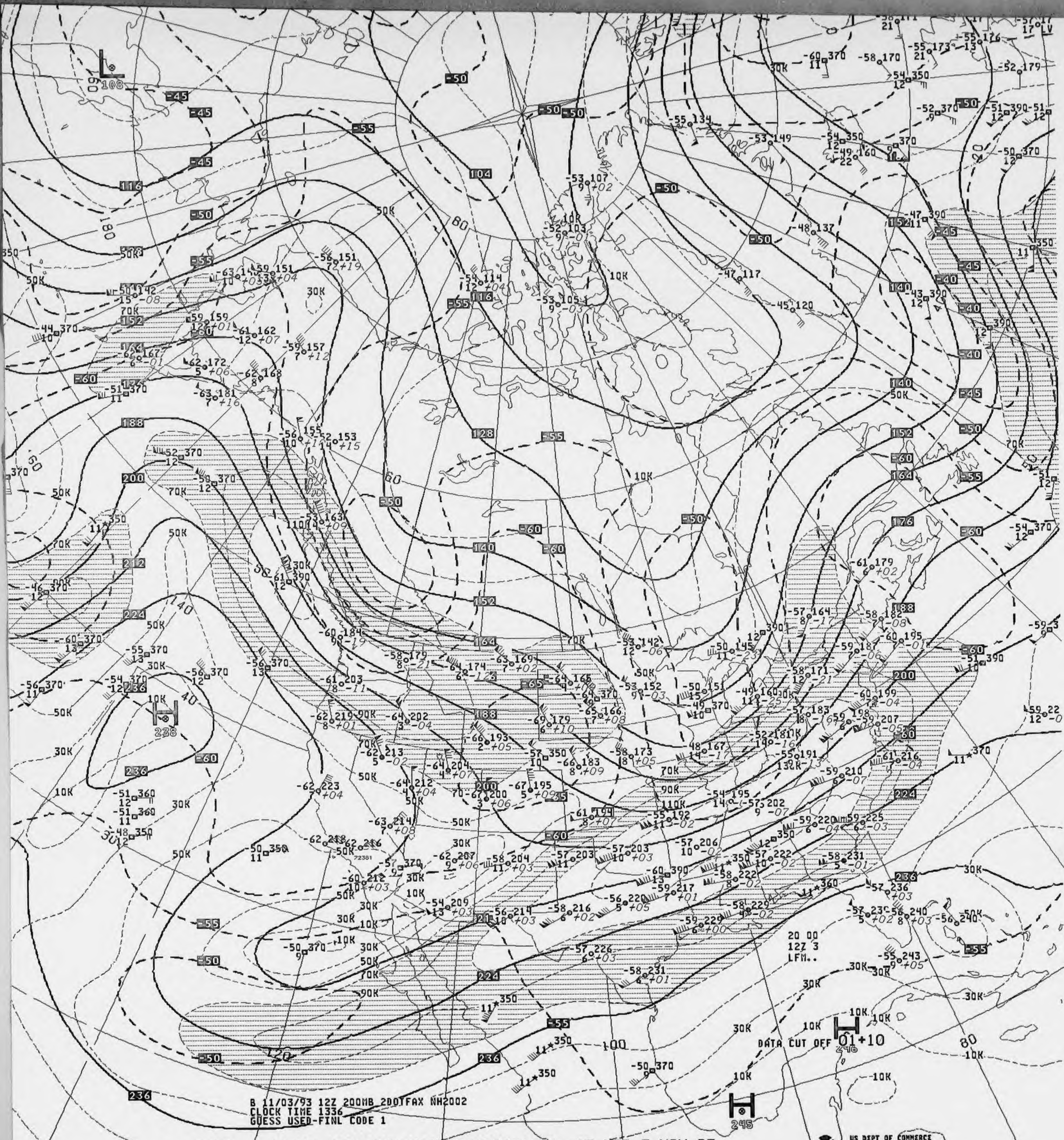
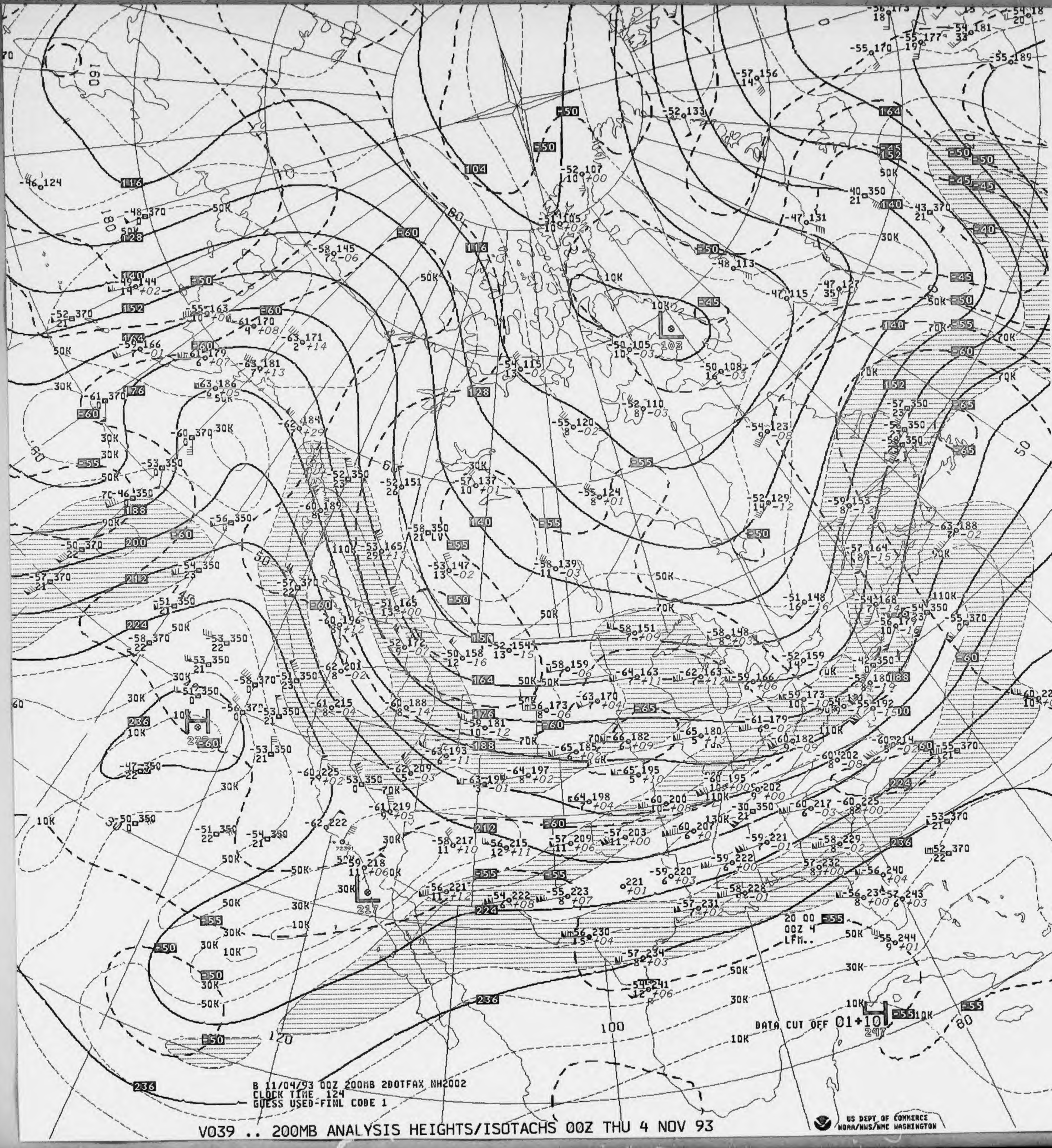
00Z 3
LFM..

B 11/03/93 00Z 200MB 200TFAX NH2002
CLOCK TIME 126
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 3 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON





B 11/04/93 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 124
GUESS USED-FINL CODE 1

DATA CUT OFF 01+10

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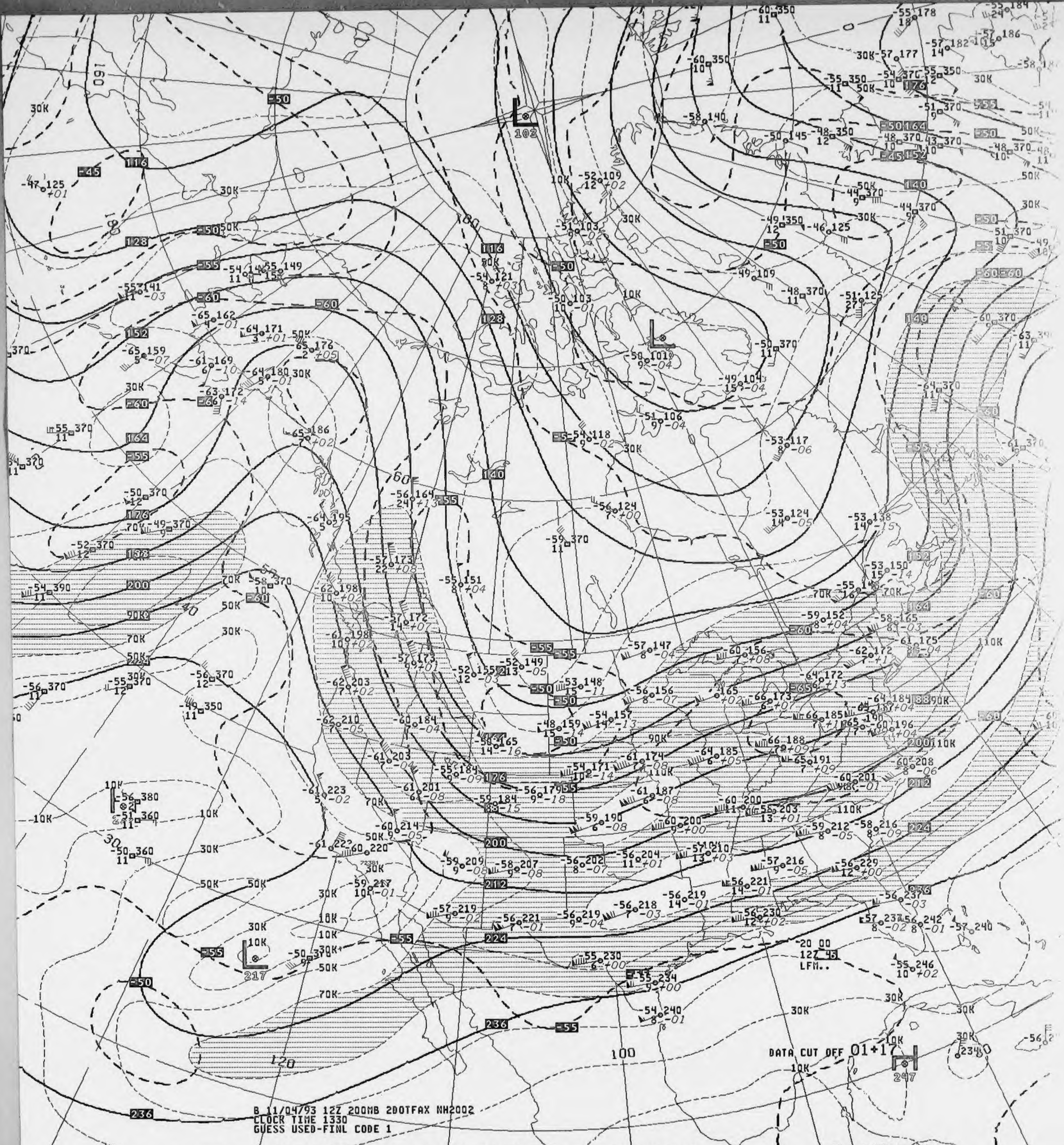
00Z 4
LFM..

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 4 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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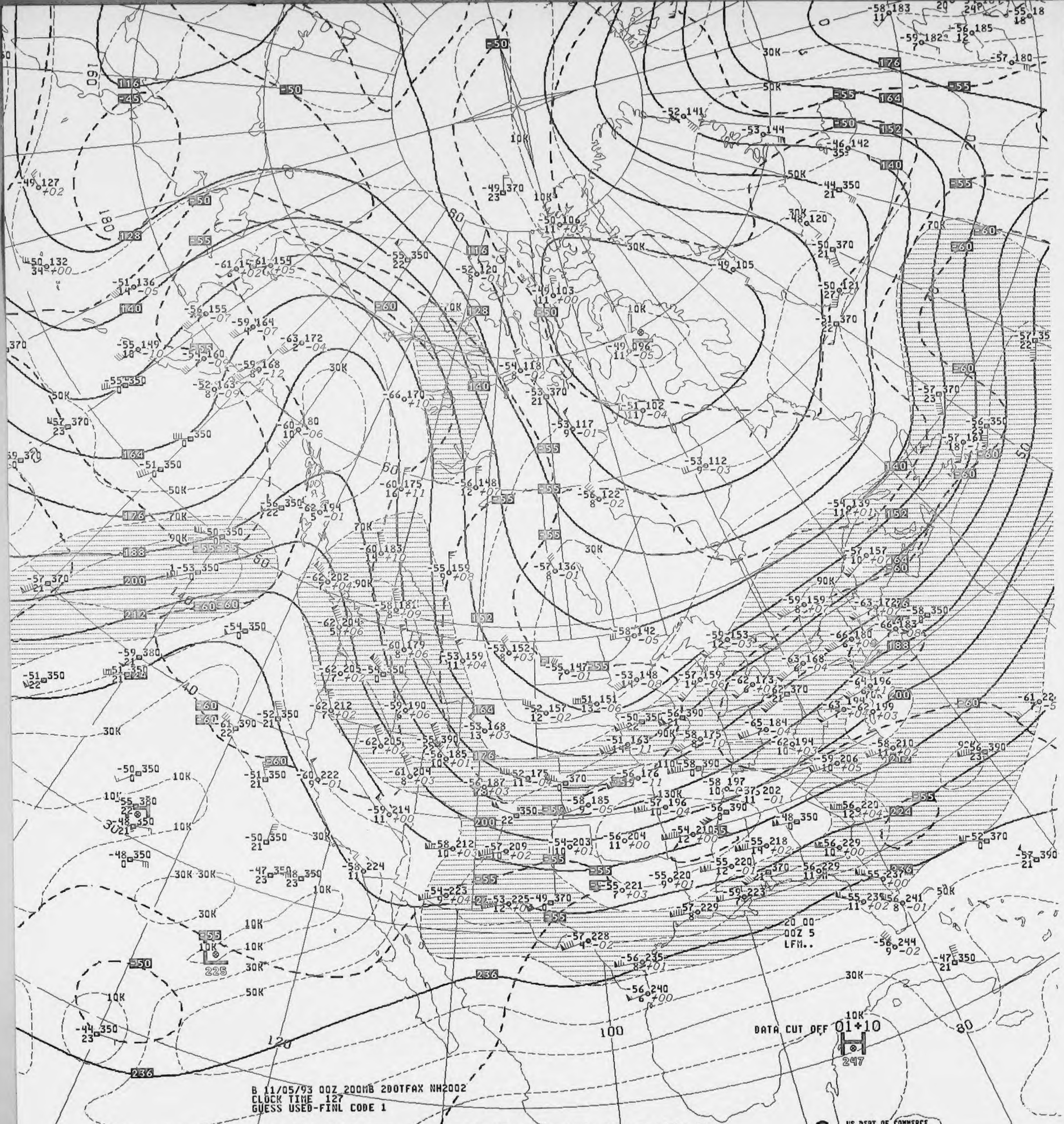
50K
70K
90K
110K
10K
100
120
140
160
180

B 11/04/93 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1330
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 4 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



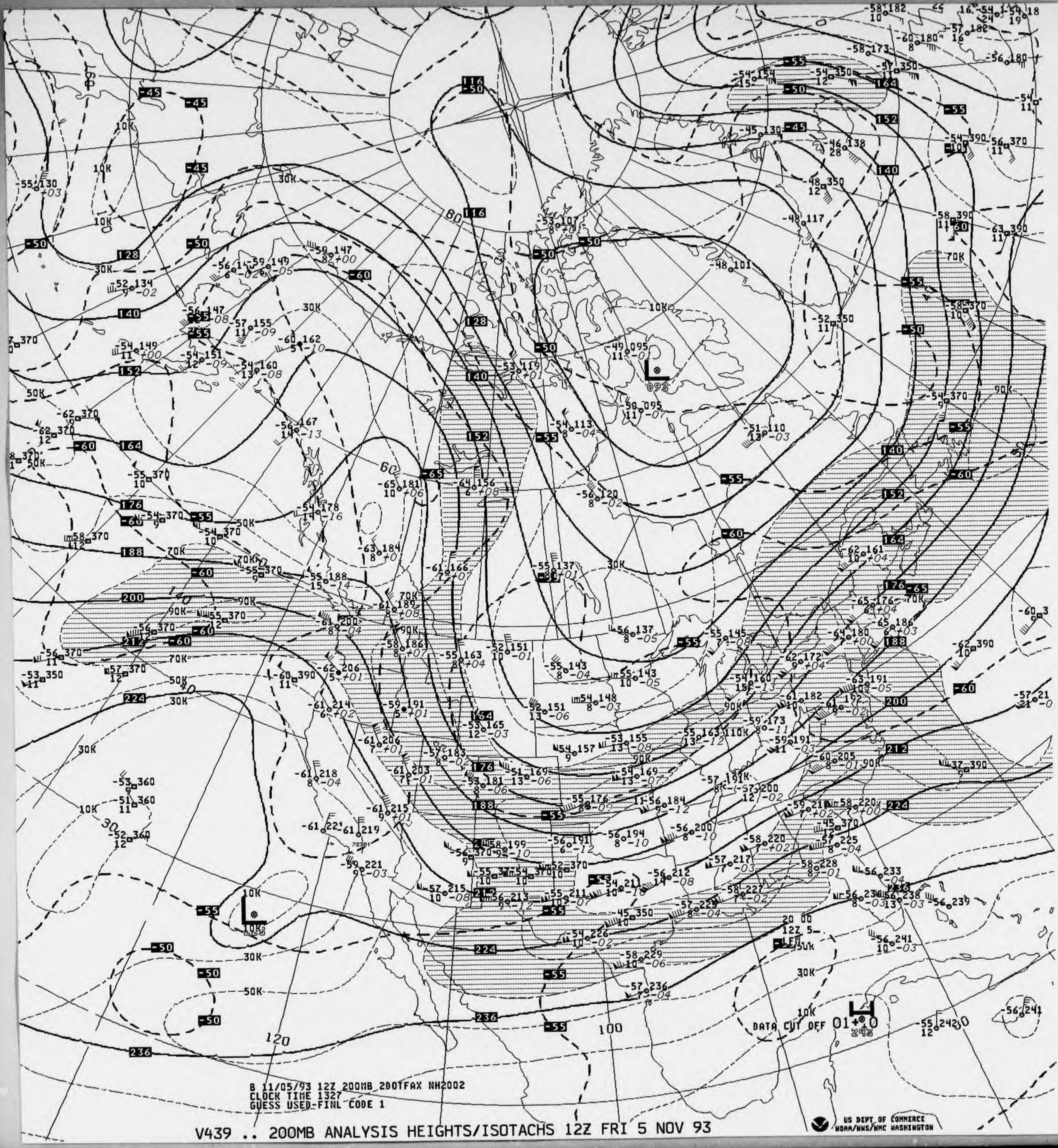
DATA CUT OFF 01+10

20 00
00Z 5
LFM..

B 11/05/93 00Z 200MB 200TFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 5 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

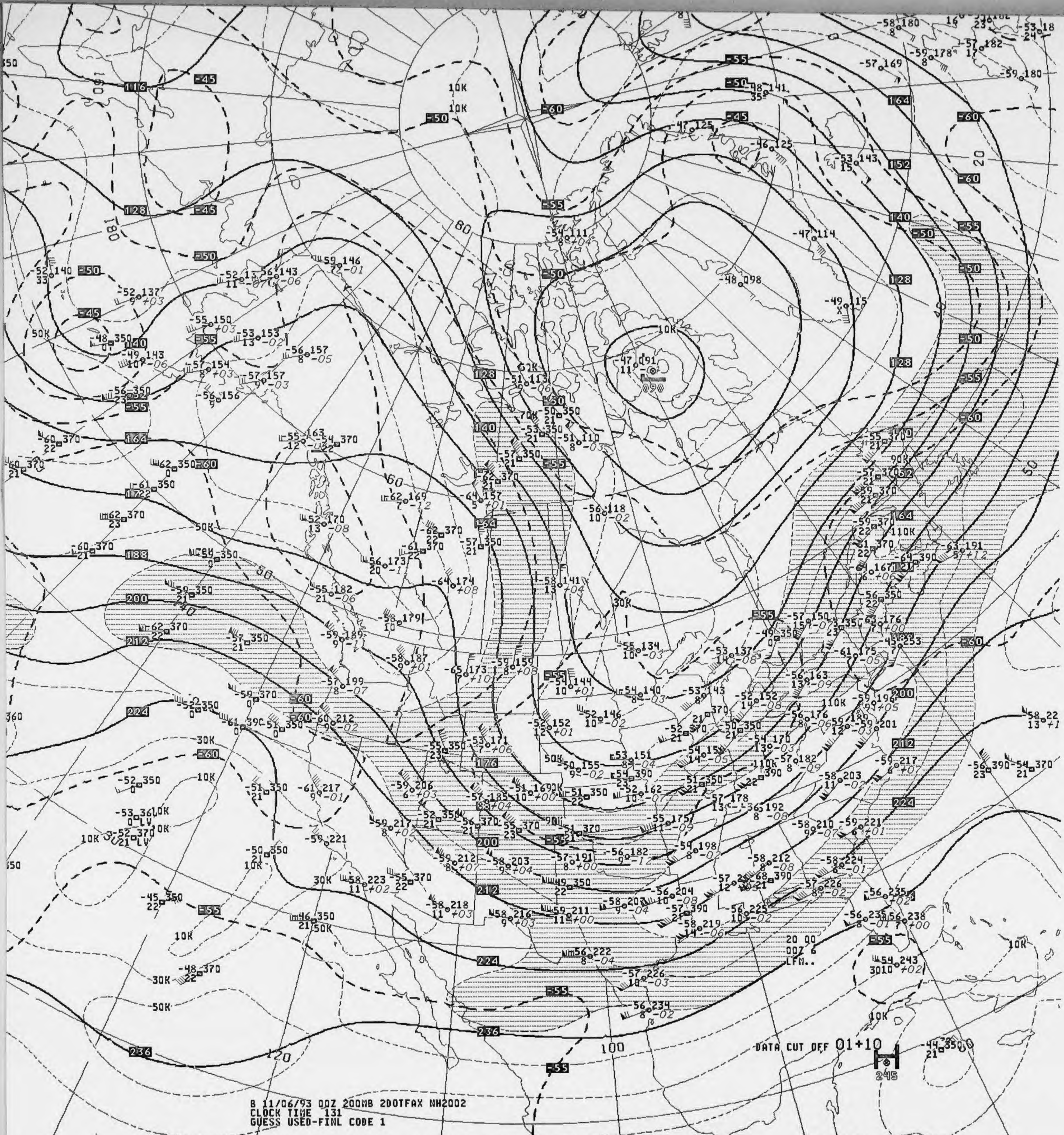


DATA CUT OFF 01+0
116
128
140
152
164
176
188
200
212
224
236
-45
-50
-55
-60
-65
10K
30K
50K
70K
90K

B 11/05/93 12Z 200MB 200TFAX NH2002
CLOCK TIME 1327
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 5 NOV 93

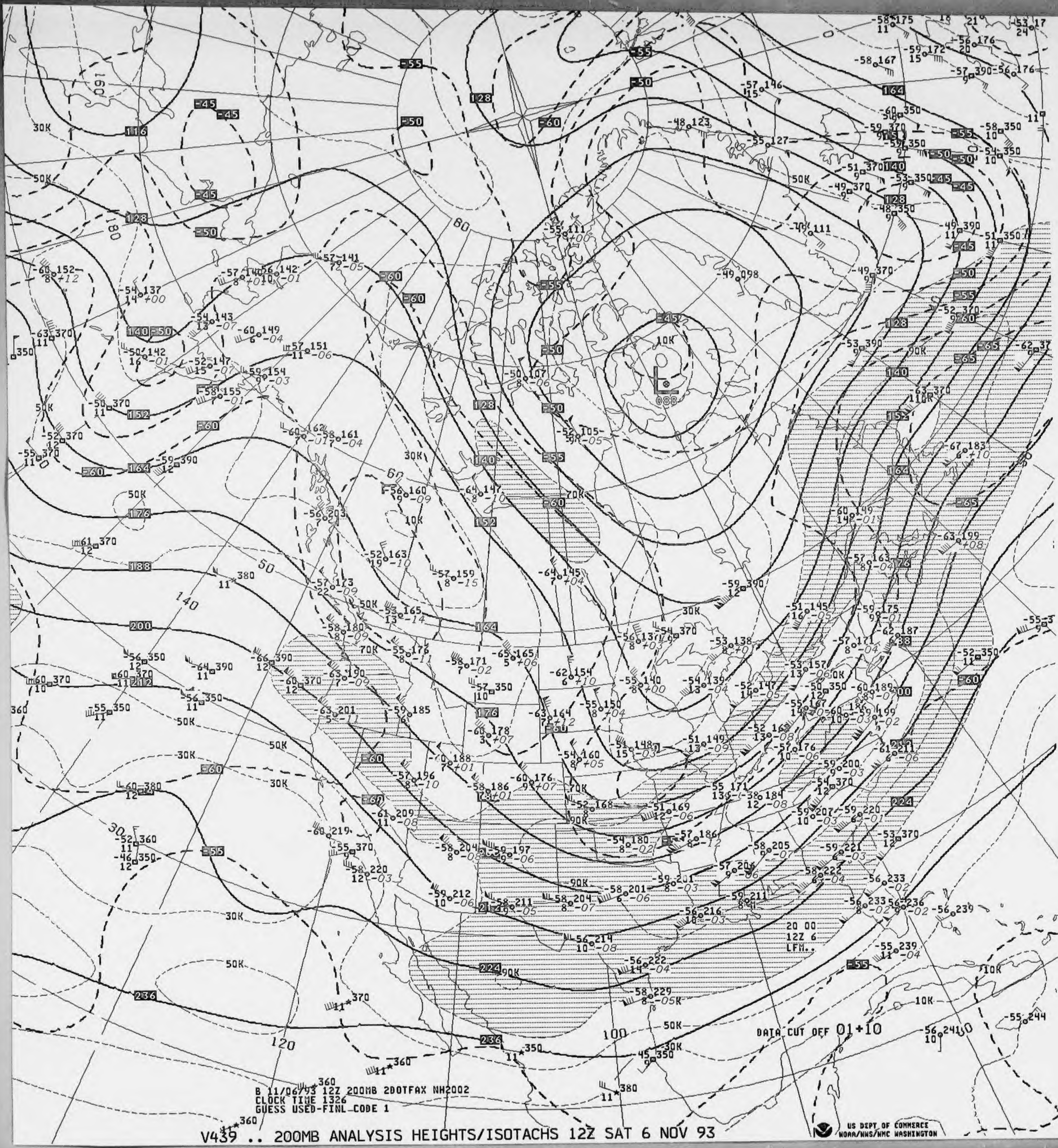
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+10
20 00
00Z 6
LFM..

B 11/06/93 00Z 200MB 20OTFAX NH2002
CLOCK TIME 131
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 6 NOV 93

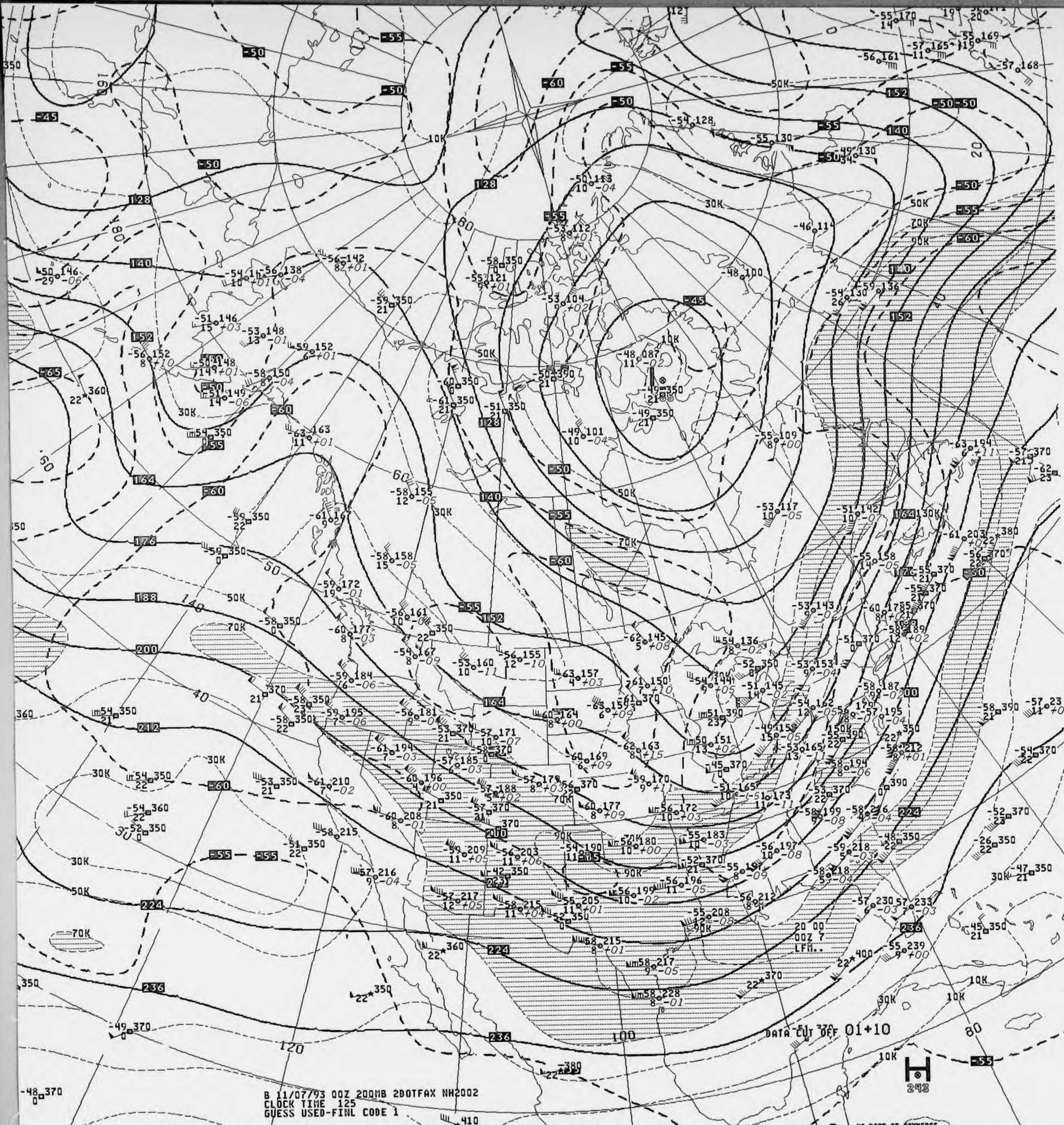
US DEPT OF COMMERCE-
NOAA/NWS/NMC WASHINGTON



116
128
140
152
164
176
188
200
212
224
236
-45
-50
-55
-60
-65
30K
50K
70K
90K
10K
20 00
12Z 6
LFM..
DATA CUT OFF 01+10
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 11/06/93 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1326
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 6 NOV 93


DATA CUT OFF 01+10
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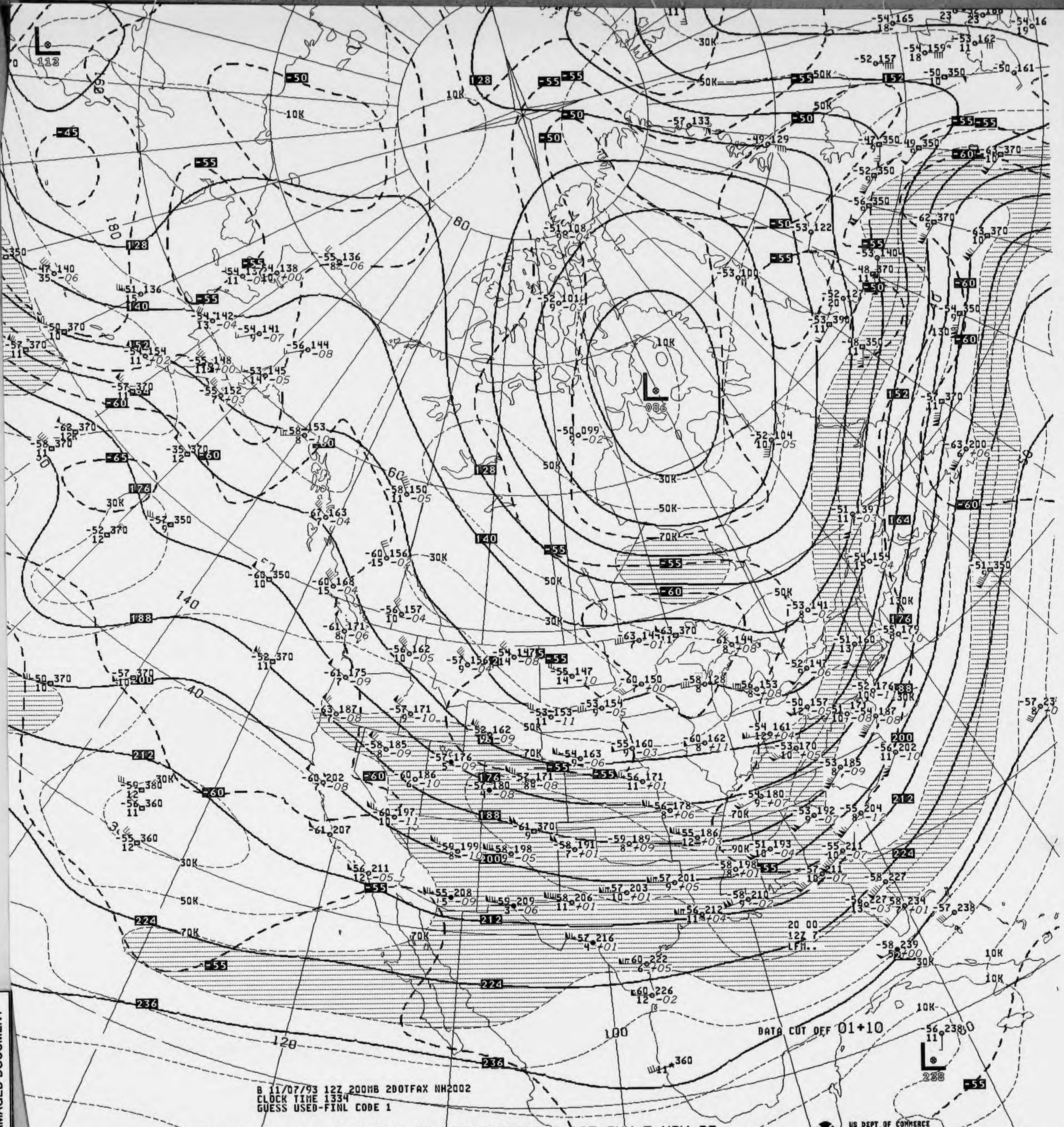
00Z 7
LFM..
H
243

B 11/07/93 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 125
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 7 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
113
L
086
L
238
10K
30K
50K
70K
90K
130K
-45
-50
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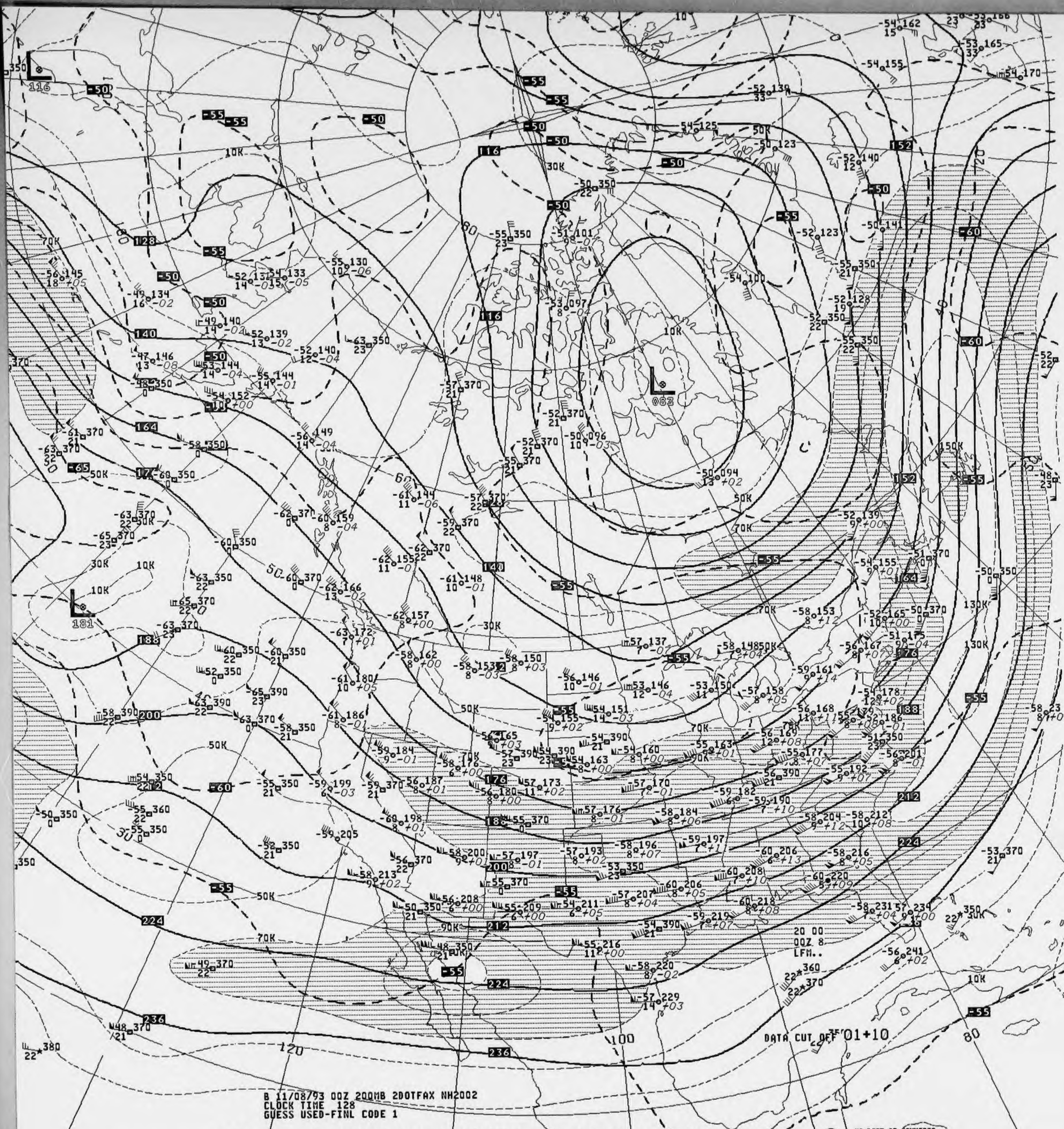
-60
-65
128
140
152
164
176
188
200
212
224
236
60
80
100
120
140
180
40
DATA CUT OFF 01+10

B 11/07/93 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1334
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 7 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

BEST AVAILABLE RECORD
DAMAGED DOCUMENT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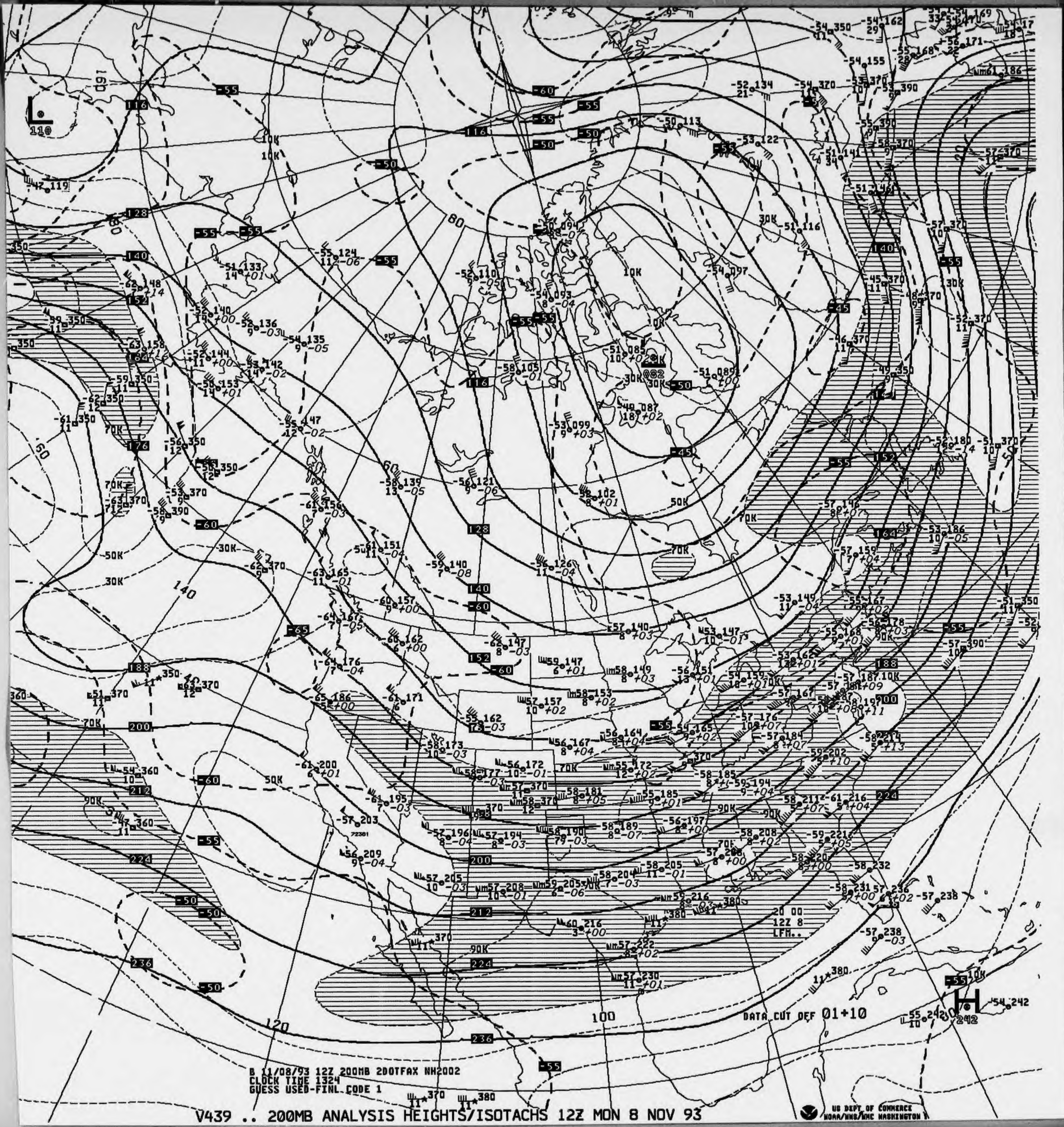
LFM..

B 11/08/93 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 128
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 8 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 1324
GUESS USED-FINL CODE 1
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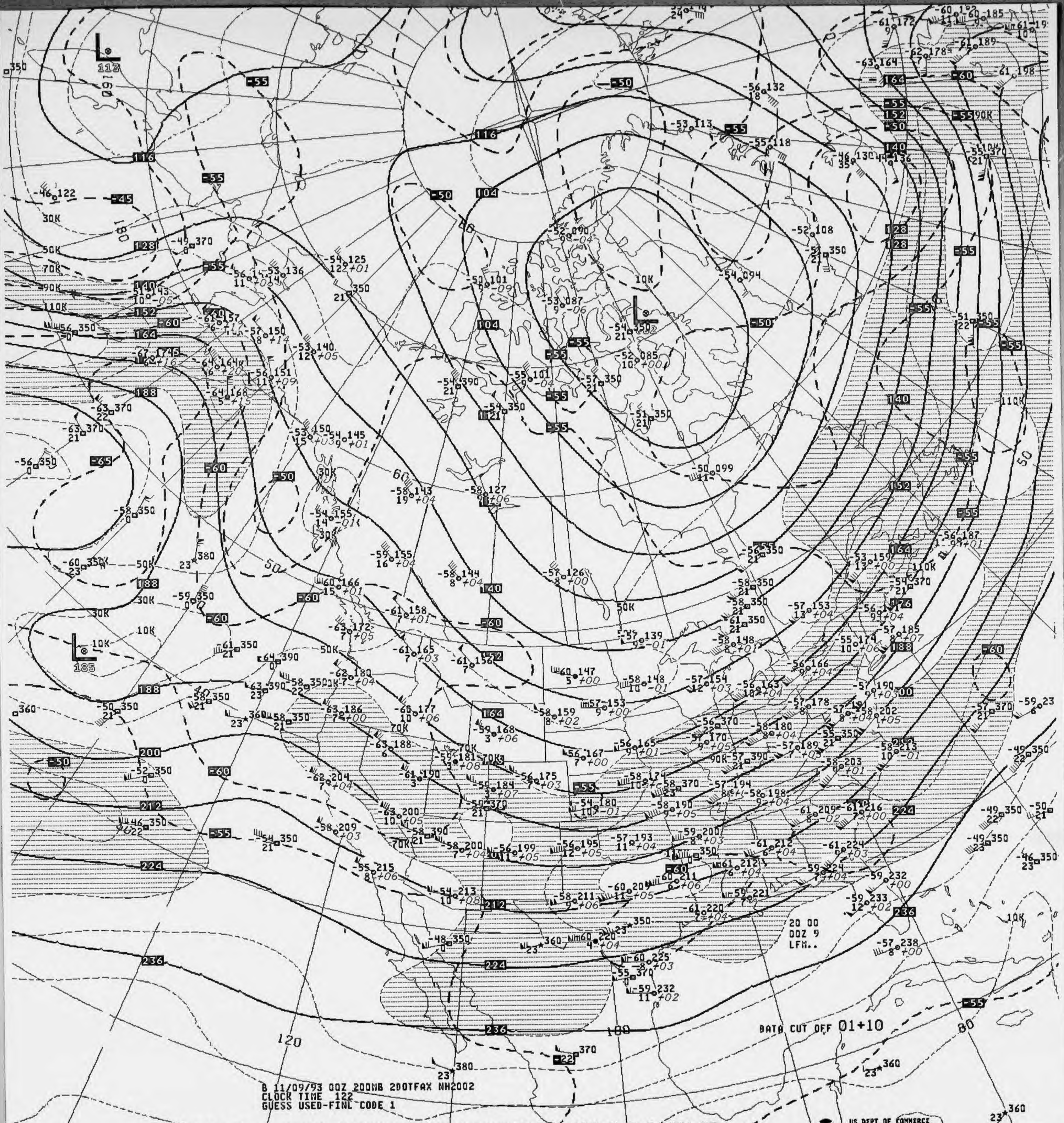
12Z 8
LFM..
L
110
H
242
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 8 NOV 93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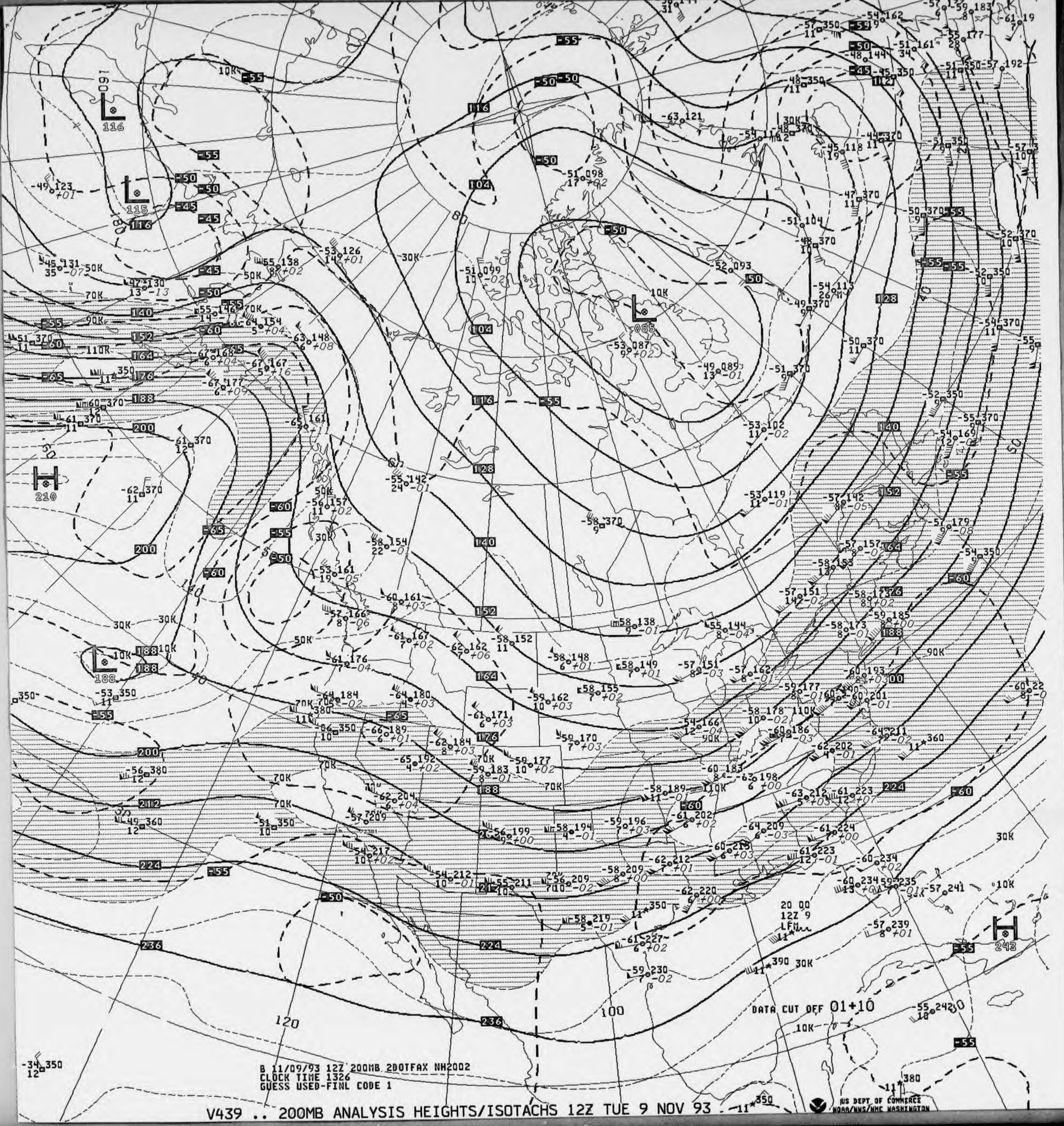
00Z 9
LFM..
B 11/09/93 00Z 200MB 200TFAX NH2002
CLOCK TIME 122
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 9 NOV 93


DATA CUT OFF 01+10
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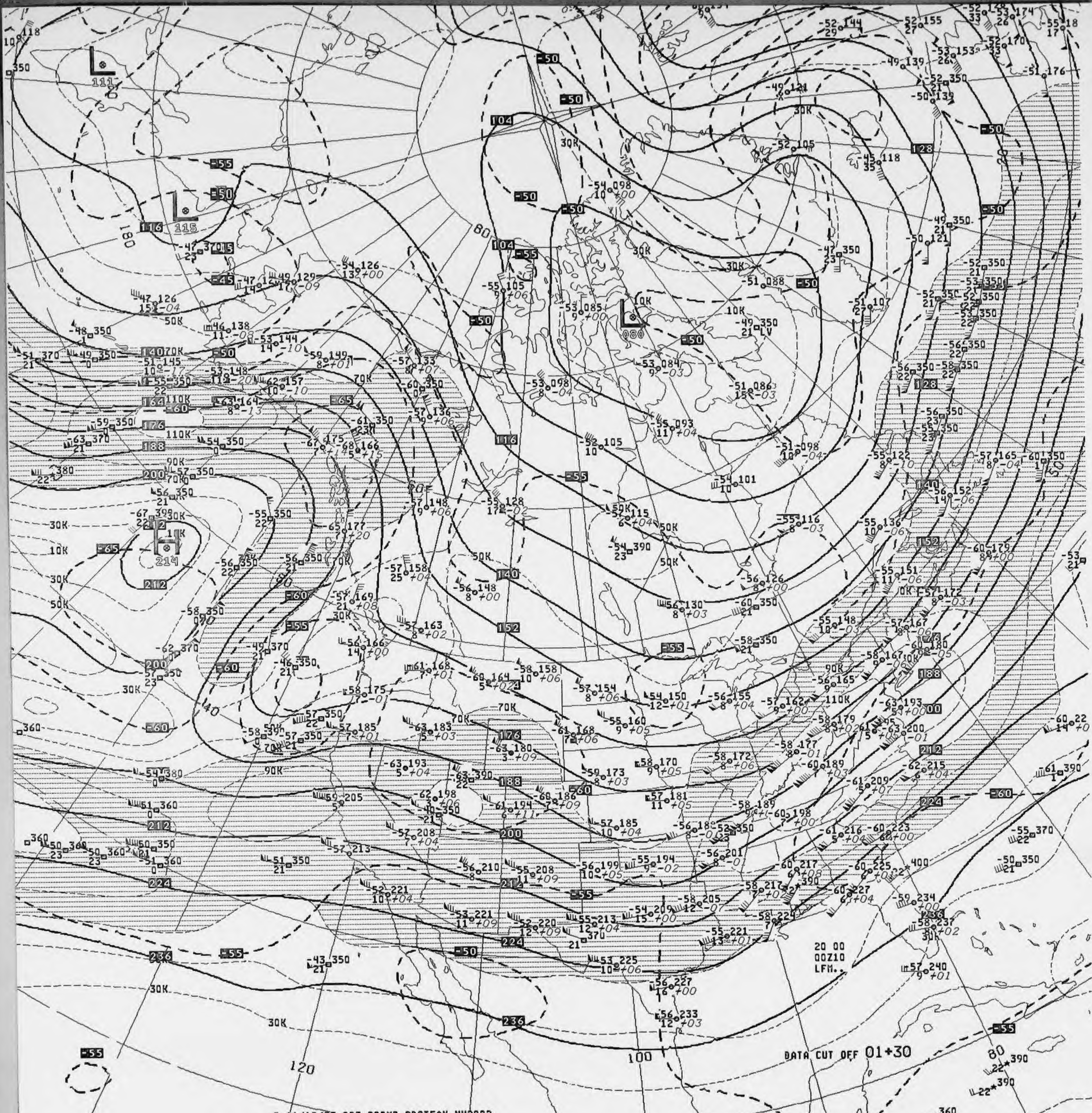
12Z 9
LFM
H 210
H 243
L 085
L 115
L 116
L 188
104
116
128
140
152
164
176
188
200
212
224
236
30K
50K
70K
90K
110K
10K
-45
-50
-55
-60
-65
80
100
120
140
50

B 11/09/93 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1326
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 9 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

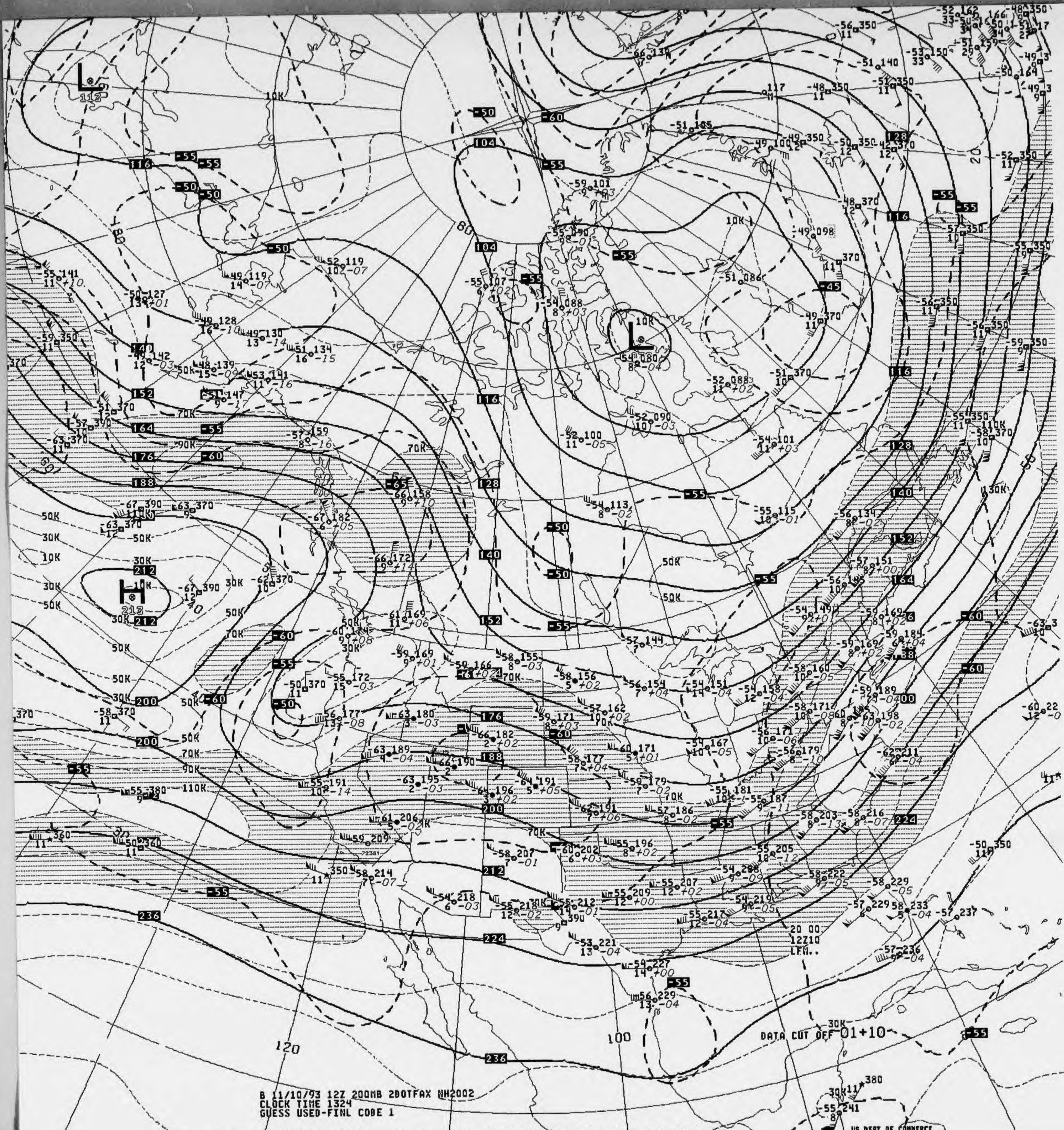


L 111
L 115
L 080
H 214
104
116
128
140
152
164
176
188
200
212
224
236
-50
-55
-60
-65
30K
50K
70K
90K
110K
180
120
100
80
20 00
00Z10
LFM..
DATA CUT OFF 01+30

B 11/10/93 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 147
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 10 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
113
L
080
H
213
104
116
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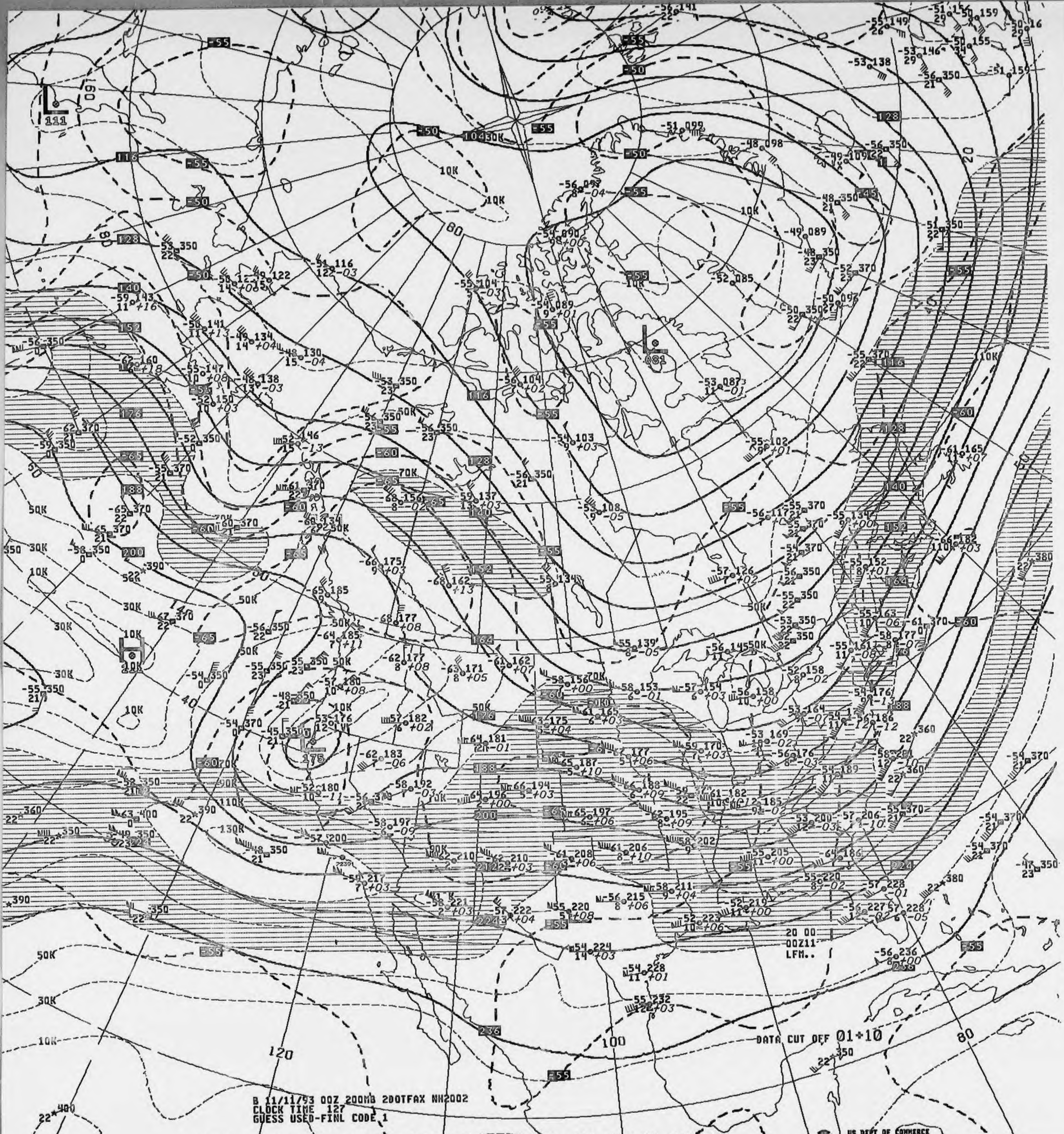
140
152
164
176
188
200
212
224
236
-45
-50
-55
-60
-65
10K
30K
50K
70K
90K
110K
130K
80
120
100
DATA CUT OFF 01+10
20 00
12Z10
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 11/10/93 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1324
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 10 NOV 93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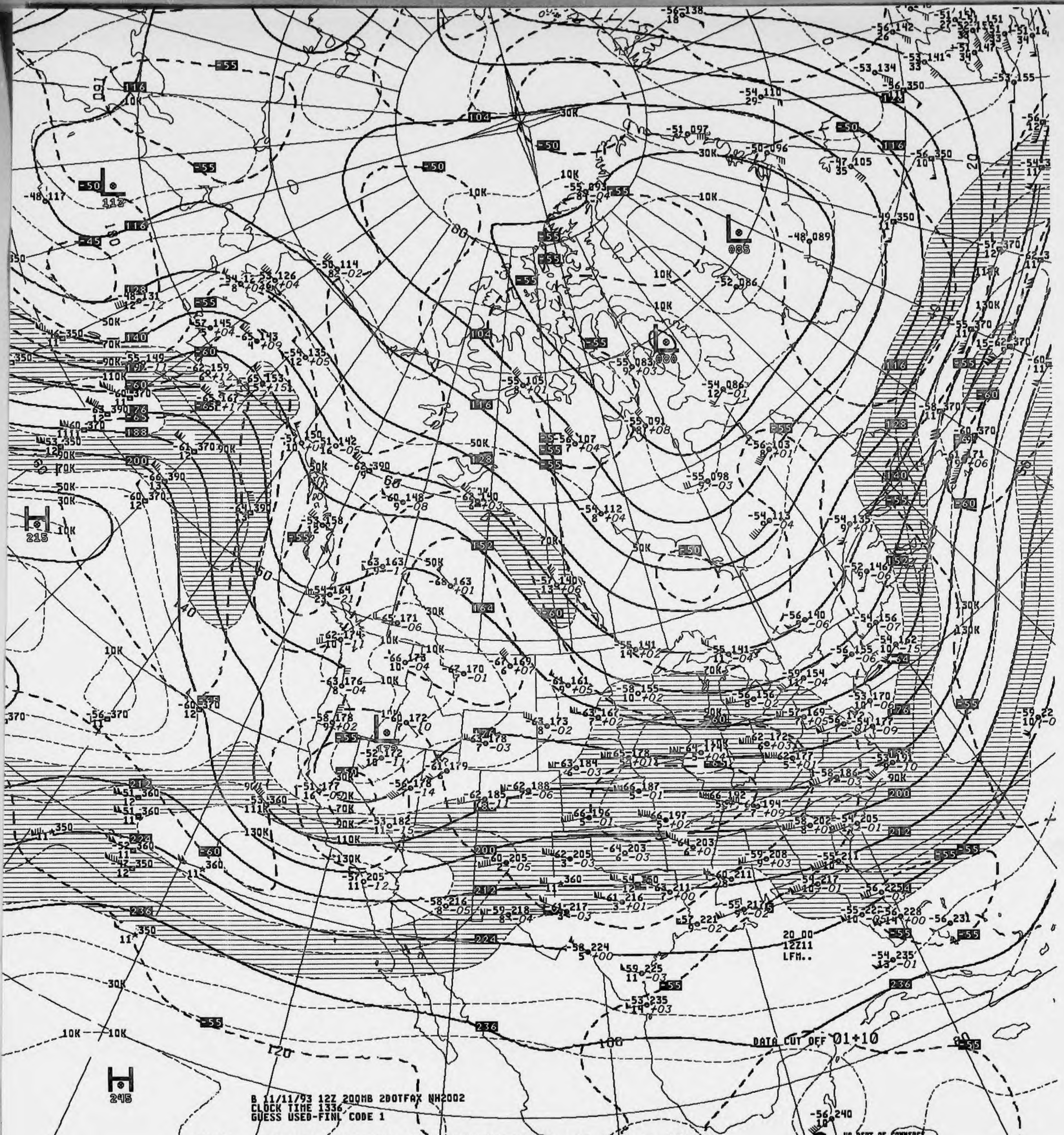
LFM..
B 11/11/93 00Z 200MB 200TFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 11 NOV 93



DATA CUT OFF 01+10
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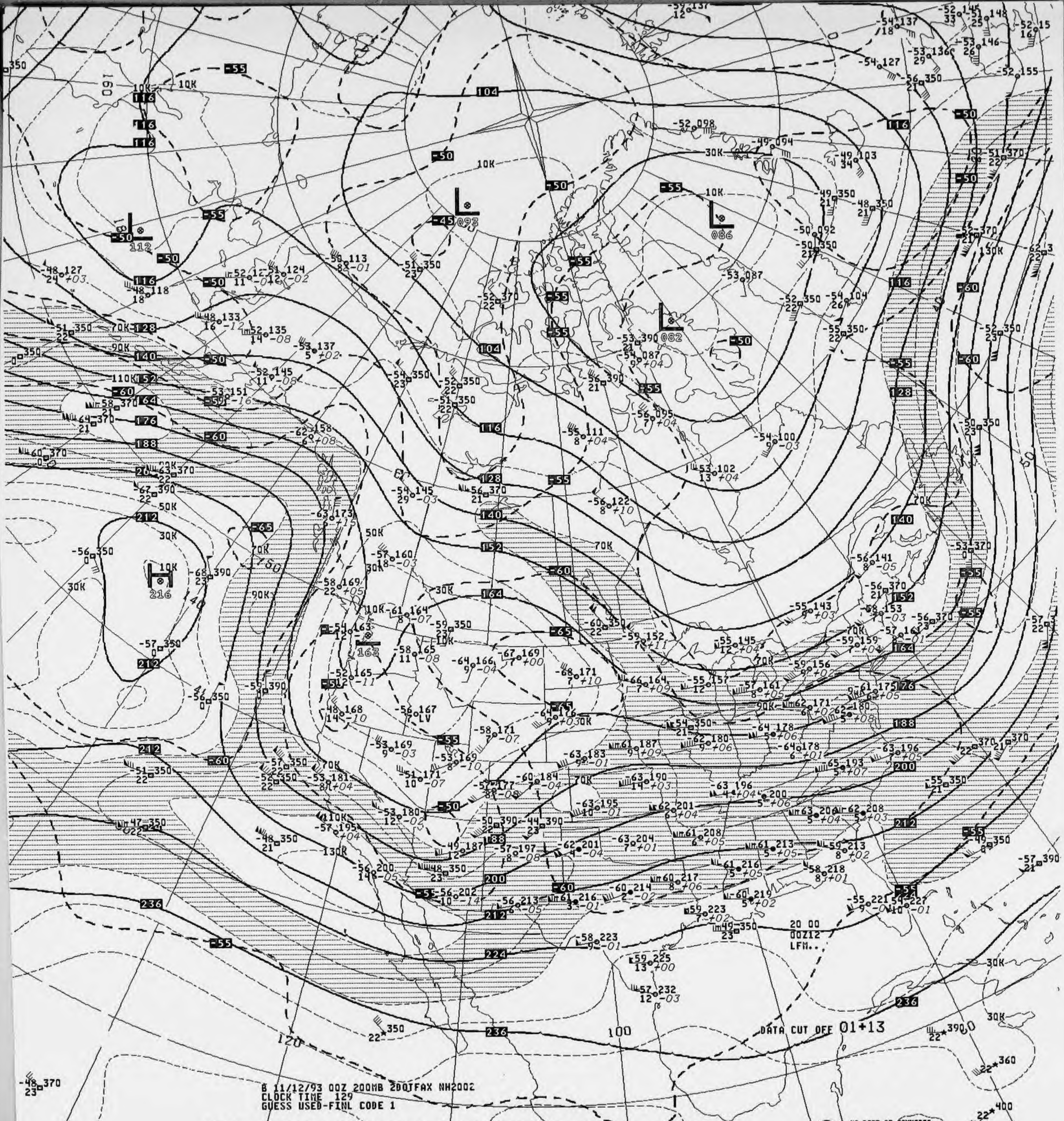
12Z11
LFM..

B 11/11/93 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1336
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 11 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 129
GUESS USED-FINL CODE 1
DATA CUT OFF 01+13
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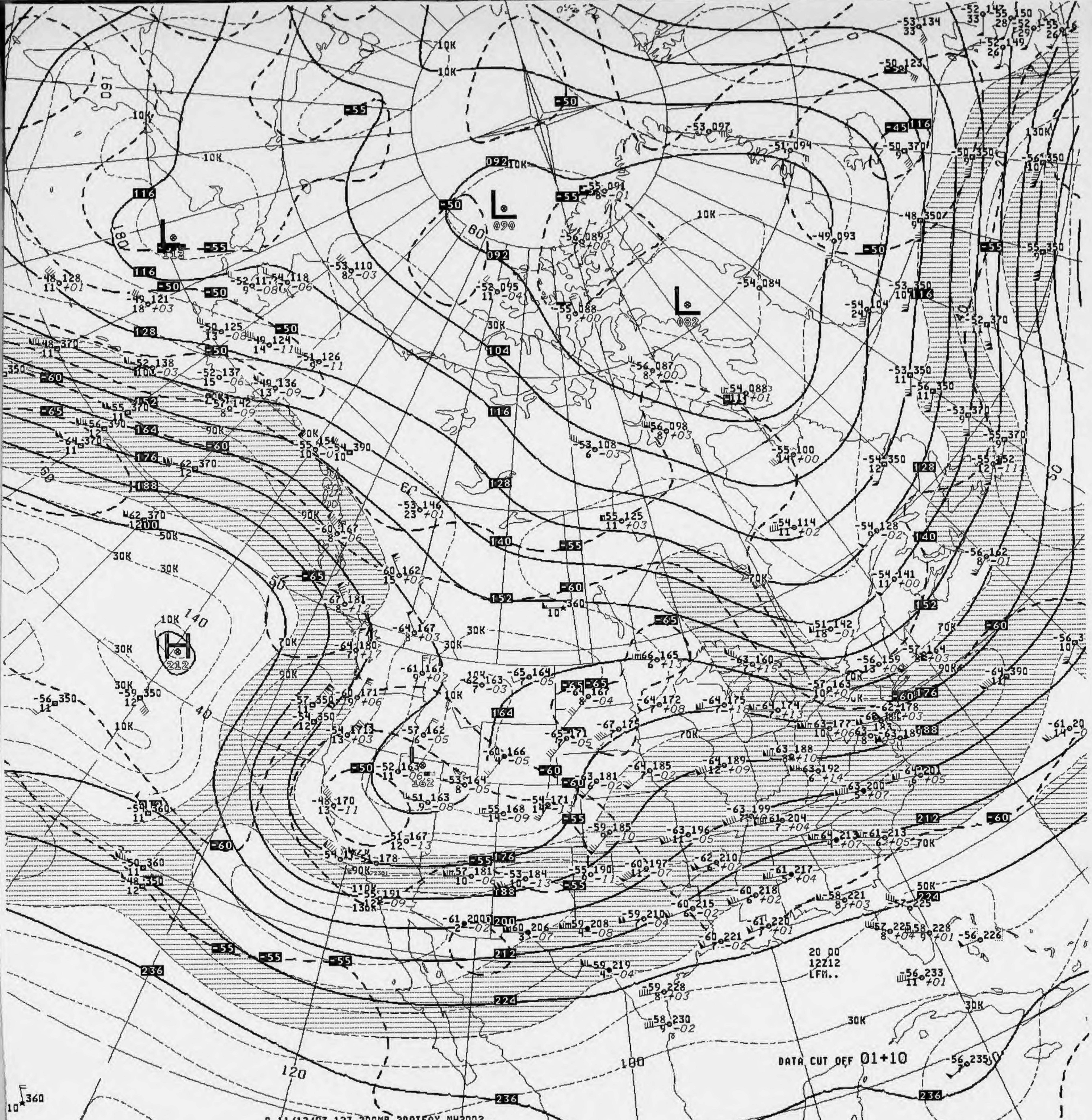
00Z12
LFM..

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 12 NOV 93

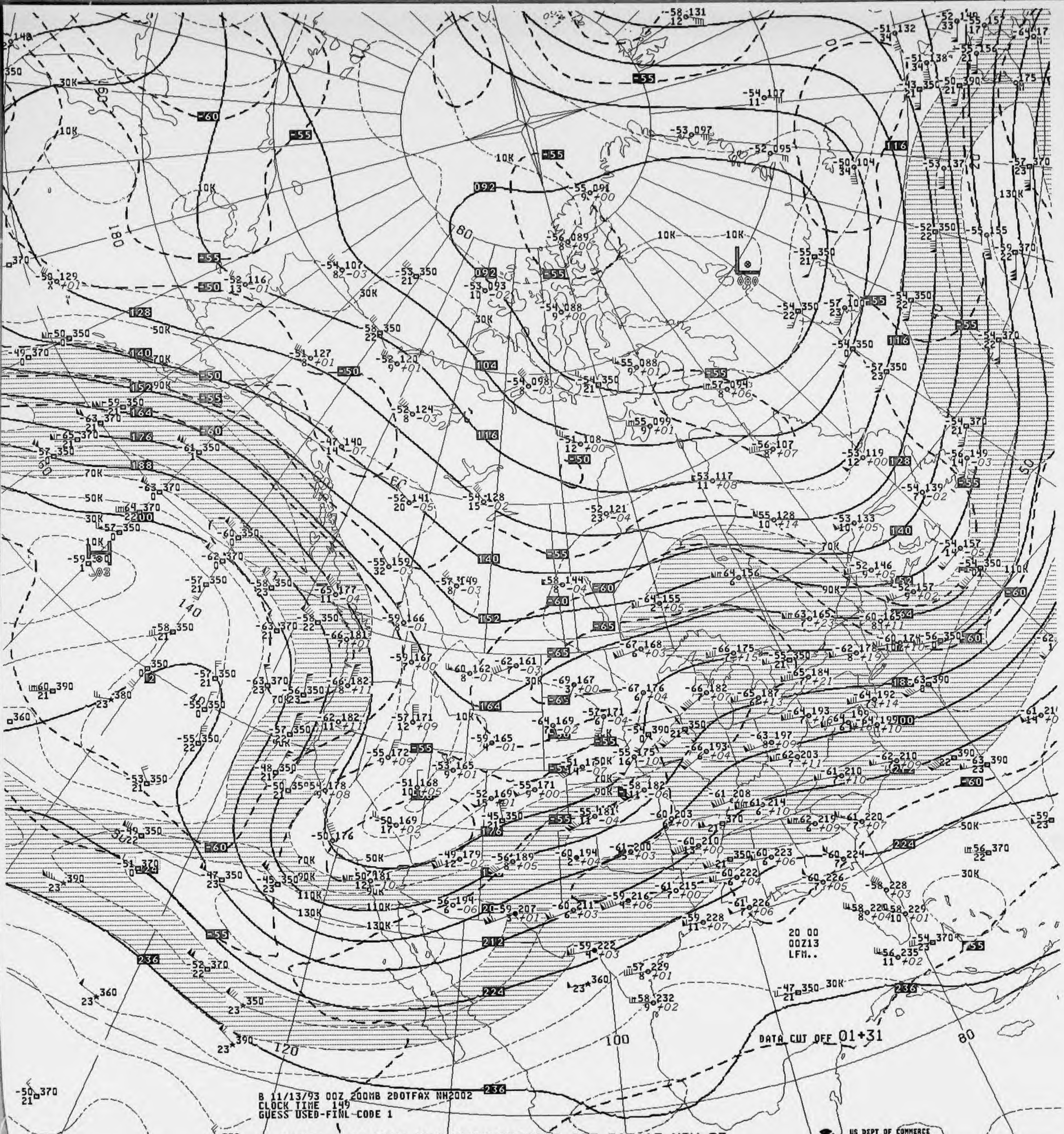
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
090
L
082
L
113
H
212
092
104
116
128
140
152
164
176
188
200
212
224
236
-45
-50
-55
-60
-65
10K
30K
50K
70K
90K
110K
130K
160
180
140
120
100
80
60
50
40
20 00
12Z12
LFM..
DATA CUT OFF 01+10

B 11/12/93 12Z 200MB 200TFAX NH2002
CLOCK TIME 1327
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 12 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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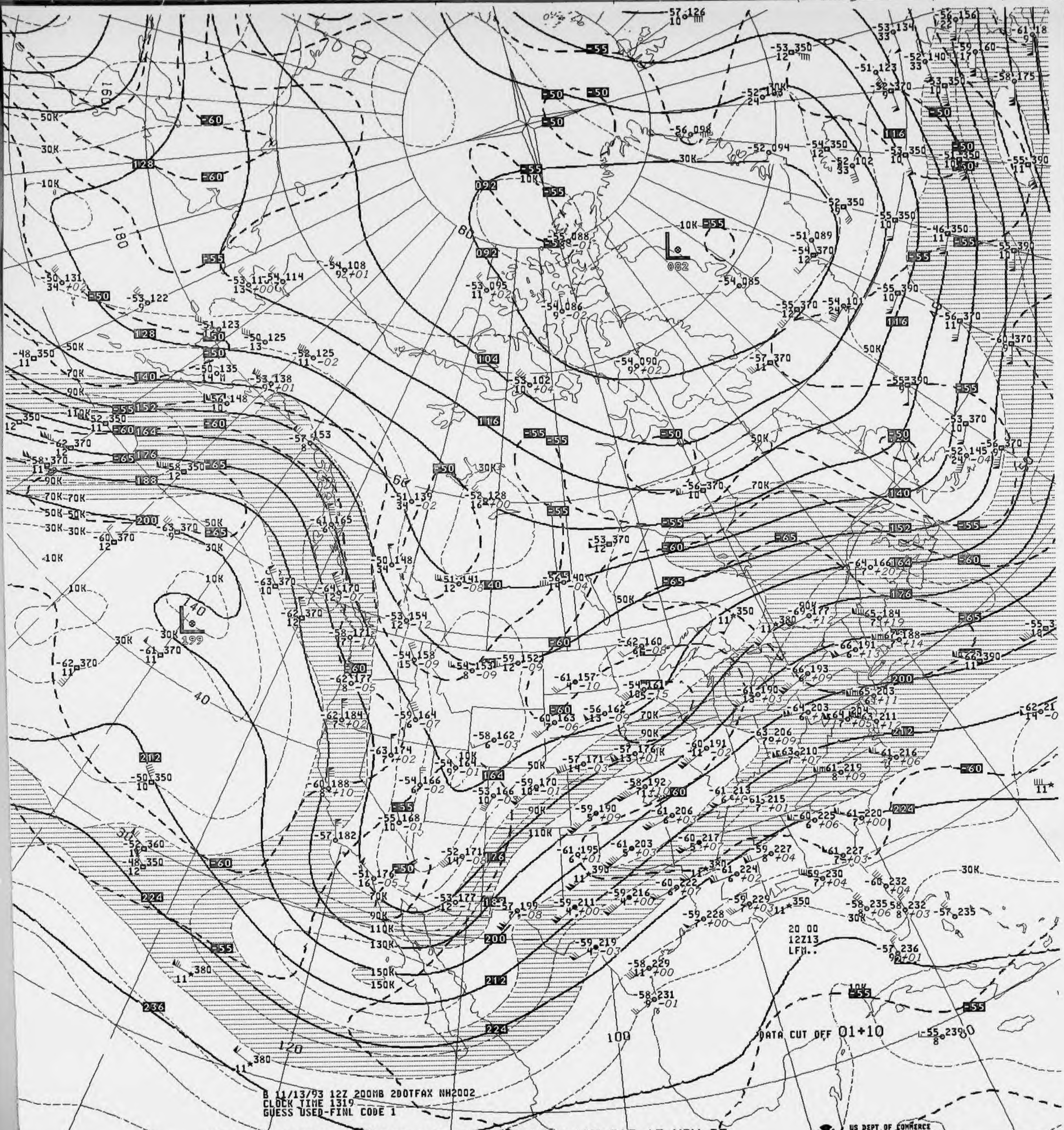
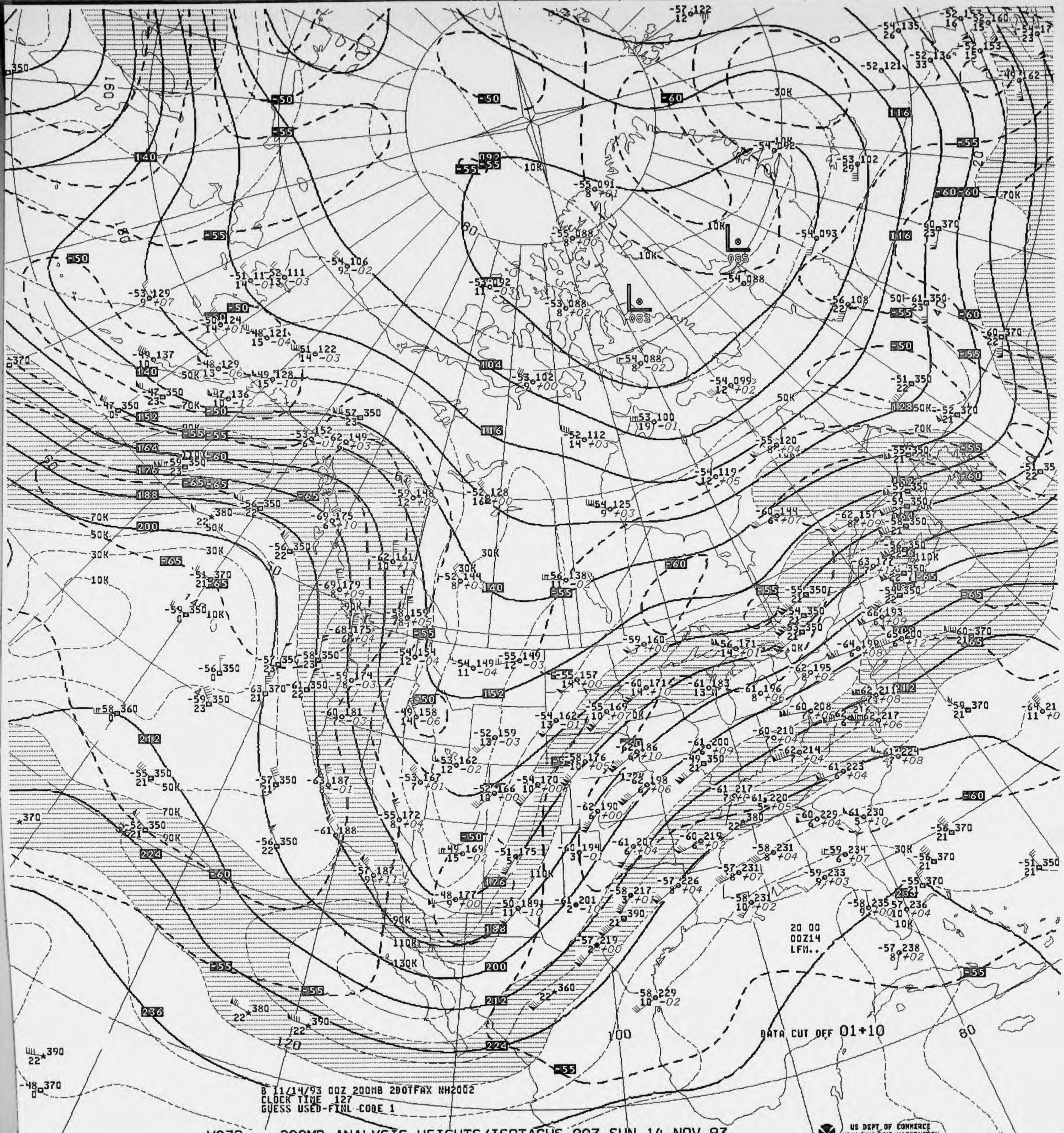
00Z13
LFM..
DATA CUT OFF 01+31
B 11/13/93 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 149
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 13 NOV 93

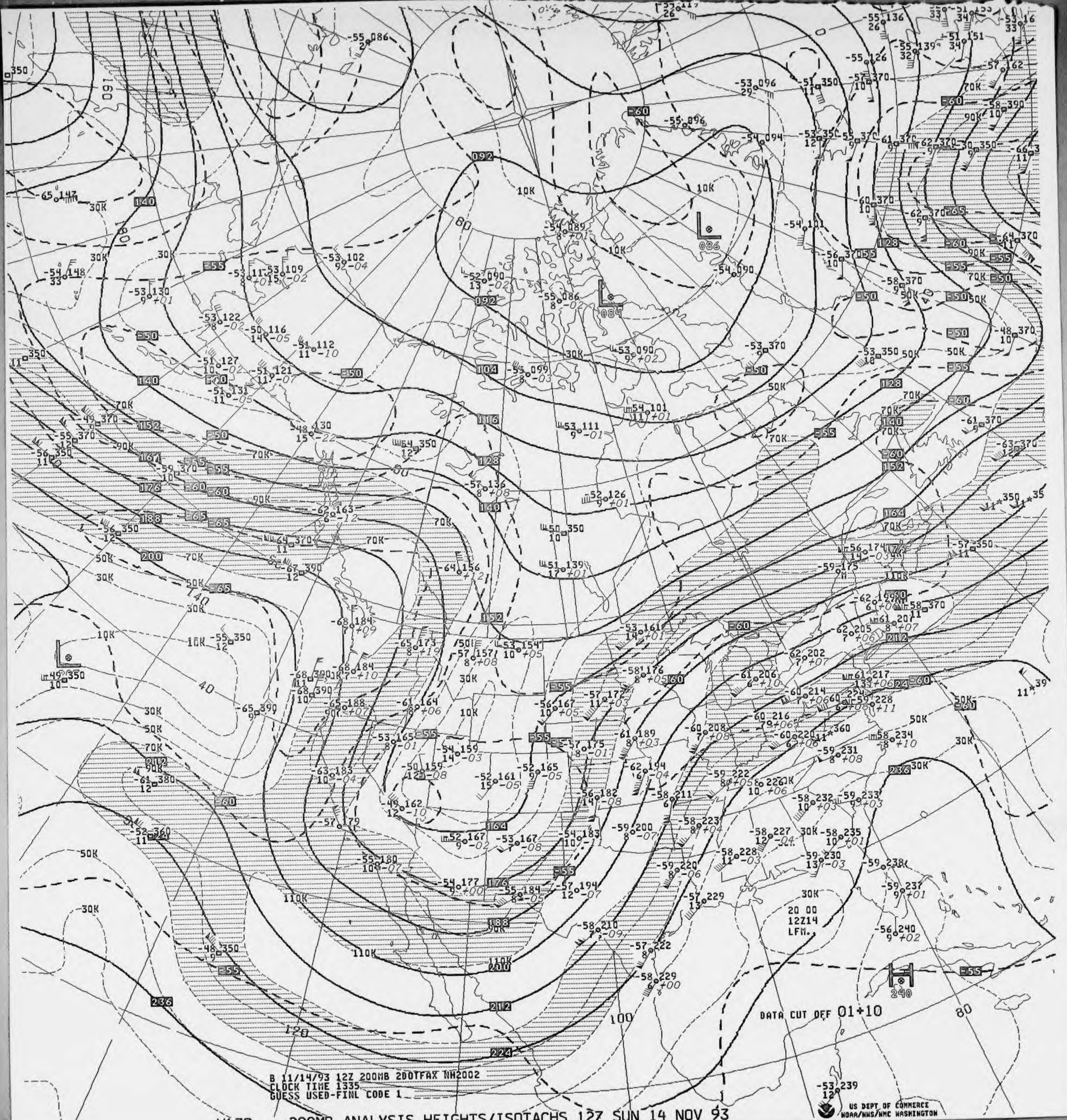

B 11/13/93 12Z 200MB 200TFAX NH2002
CLOCK TIME 1319
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
20 00
12Z13
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 13 NOV 93


B 11/14/93 00Z 200MB 200TFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
20 00
00Z14
LFM..

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 14 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+10
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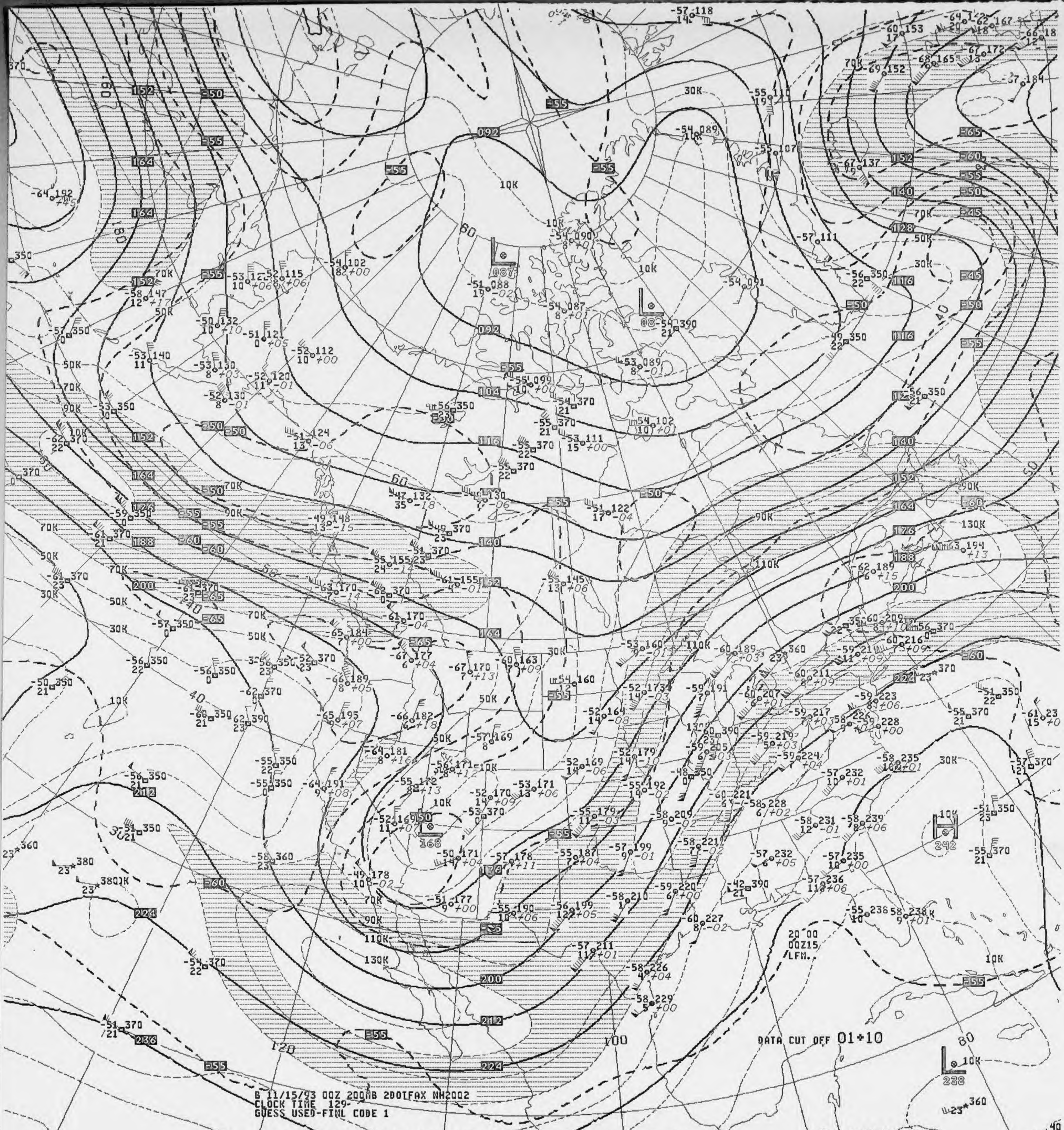
12Z14
LFM.
B 11/14/93 12Z 200MB 200TFAX NH2002
CLOCK TIME 1335
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 14 NOV 93



DATA CUT OFF 01+10
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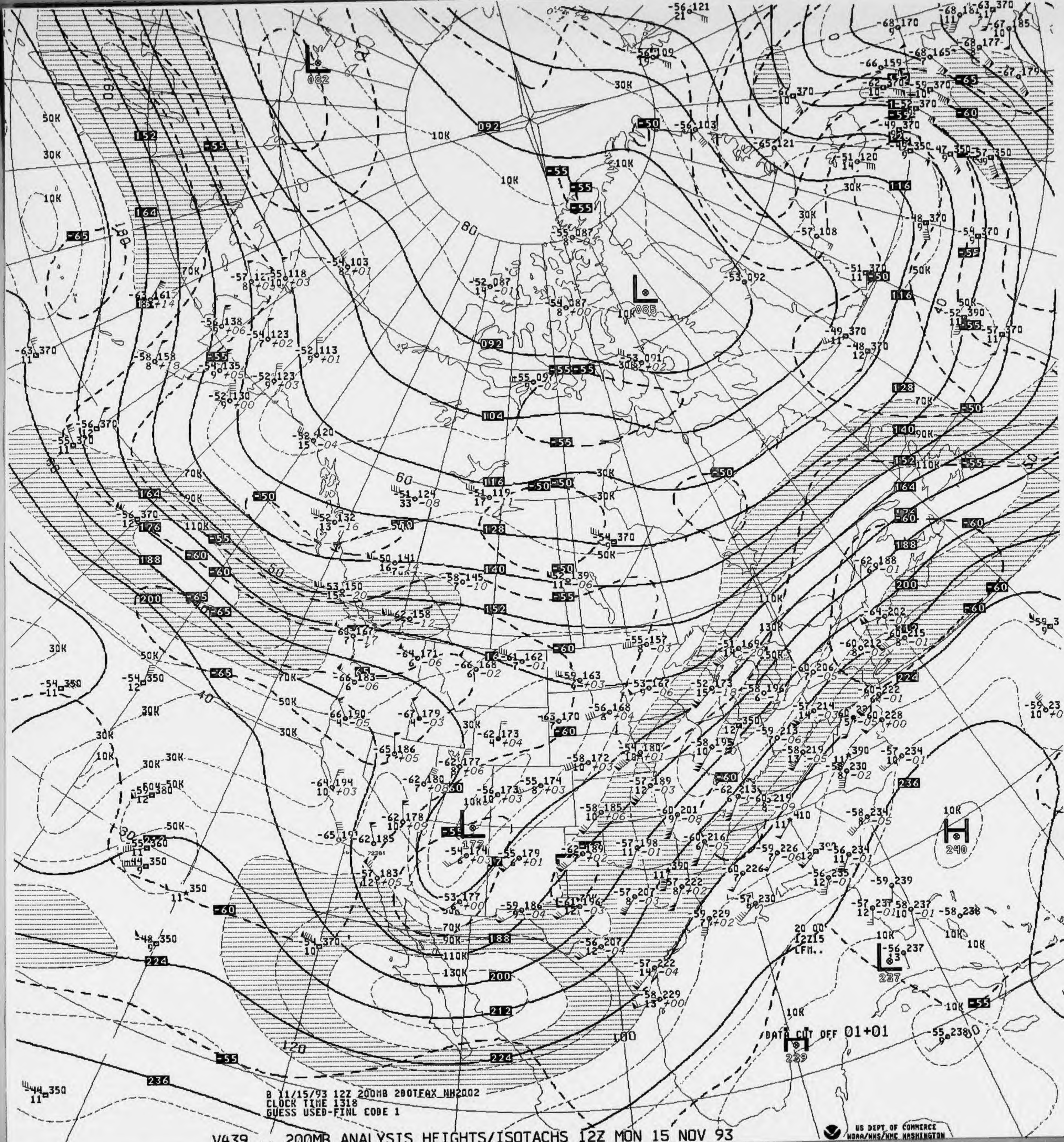
00Z15
LFM.
B 11/15/93 00Z 200MB 200TFAX NH2002
CLOCK TIME 129
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 15 NOV 93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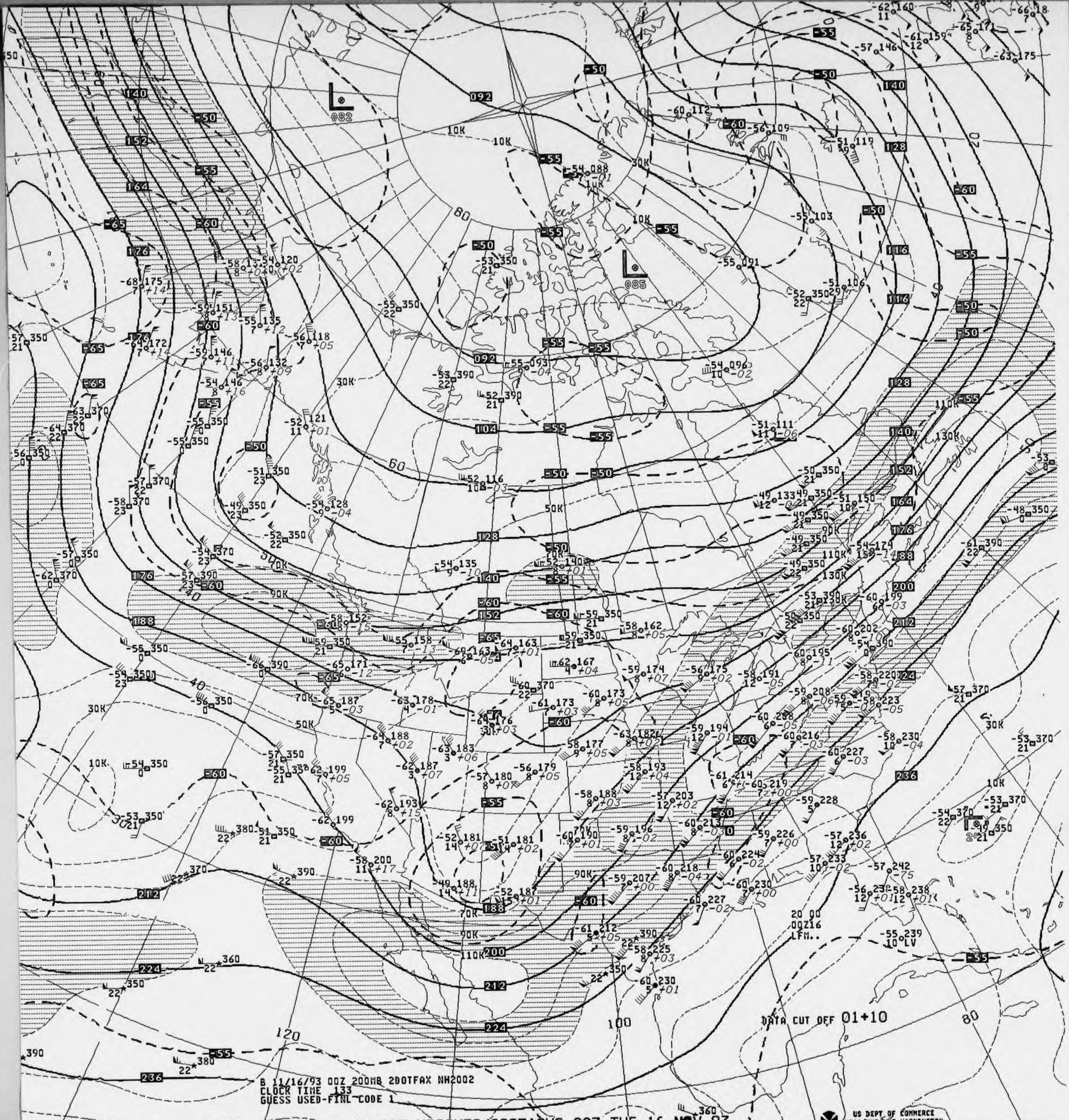
LFM..
B 11/15/93 12Z 200MB 200TFAX NH2002
CLOCK TIME 1318
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 15 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 133
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
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00Z16
LFM..
L 082
L 085
10K
30K
50K
70K
90K
110K
130K
092
104
116
128
140
152
164
176
188
200
212
224
236
-50
-55
-60
-65
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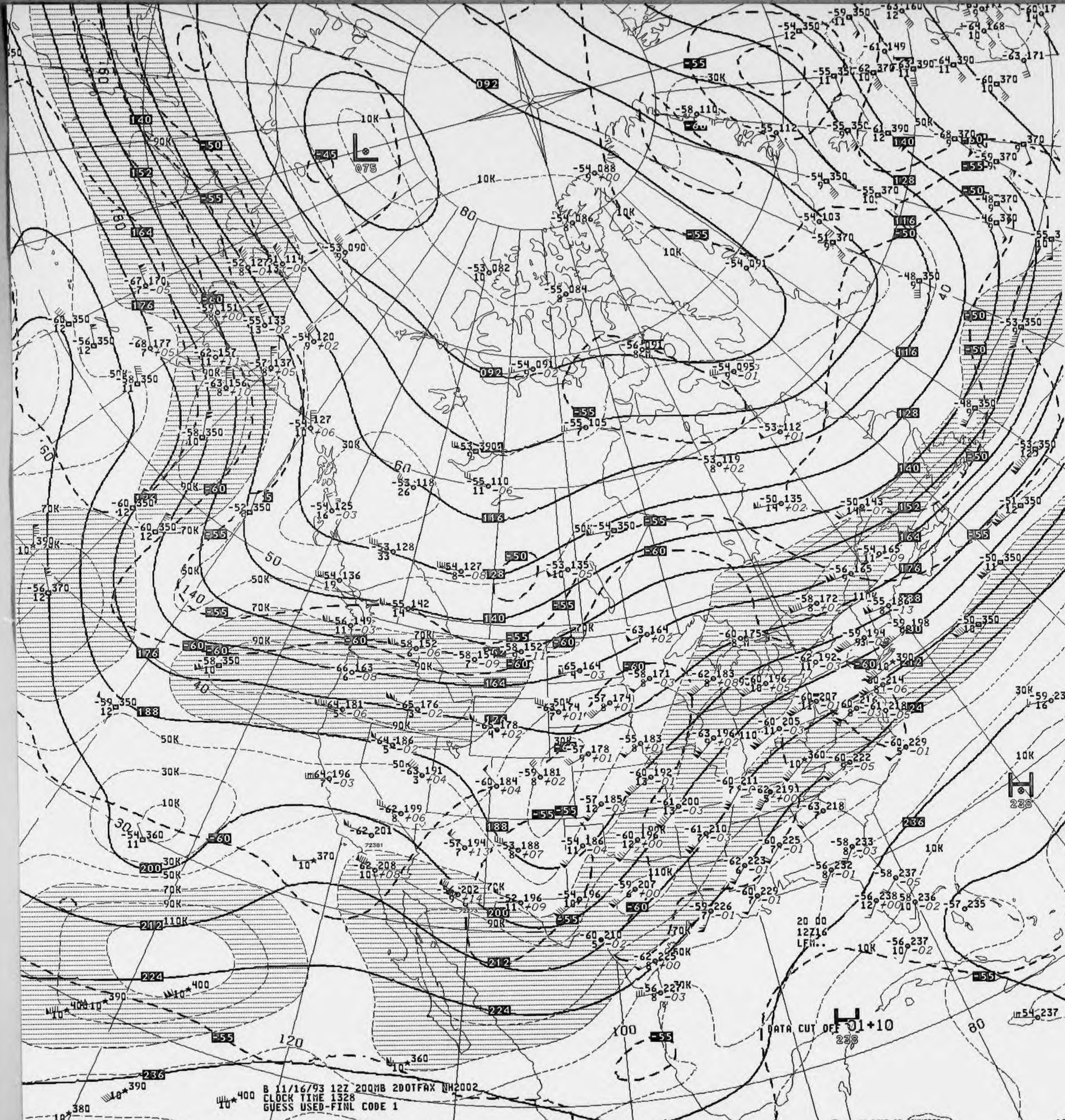
80
100
120
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 16 NOV 93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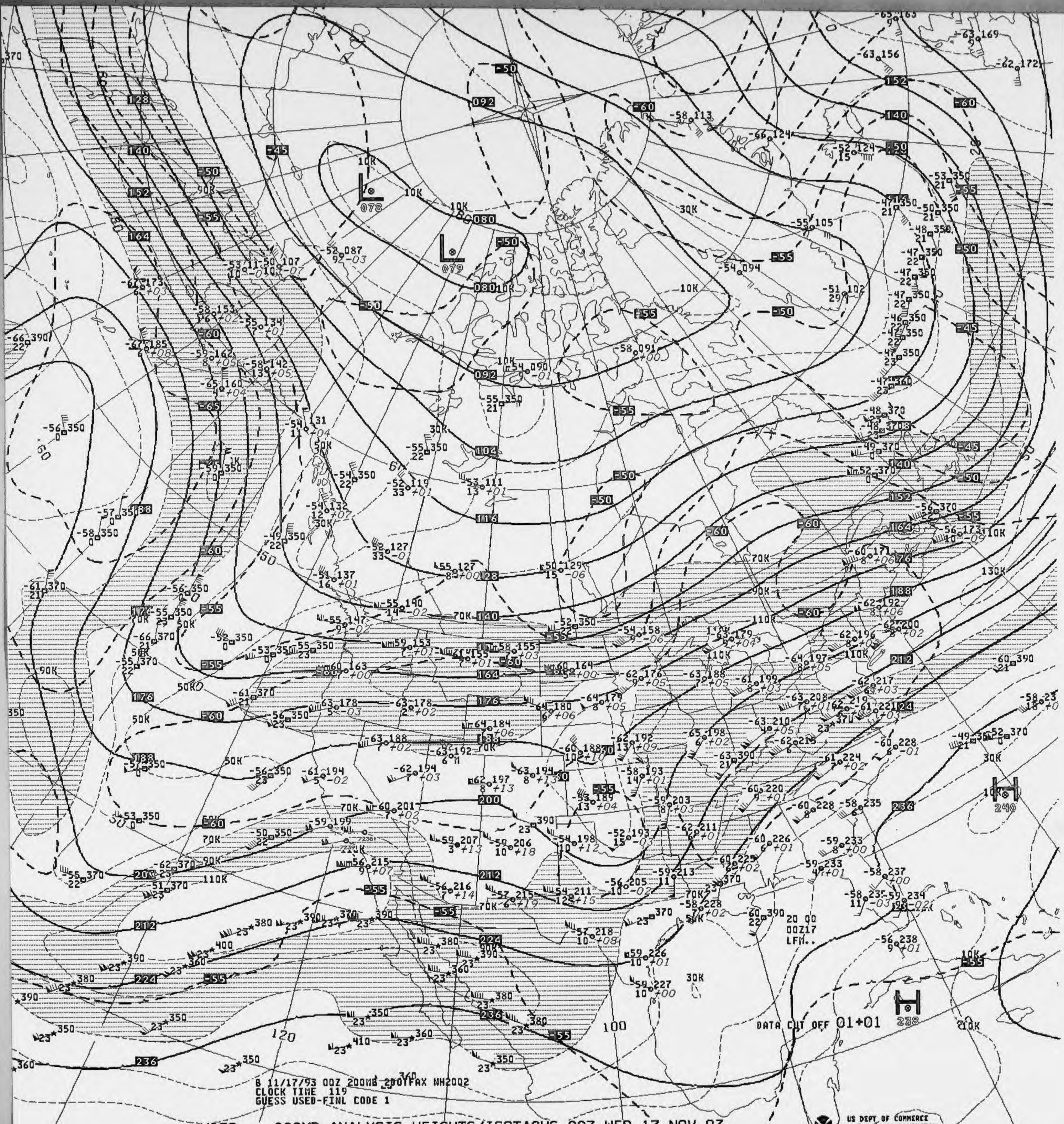
12Z16
LFM..
H
238
L
075
10K
30K
50K
70K
90K
110K
40
50
60
80
100
120
140
160
180

B 11/16/93 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1328
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 16 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

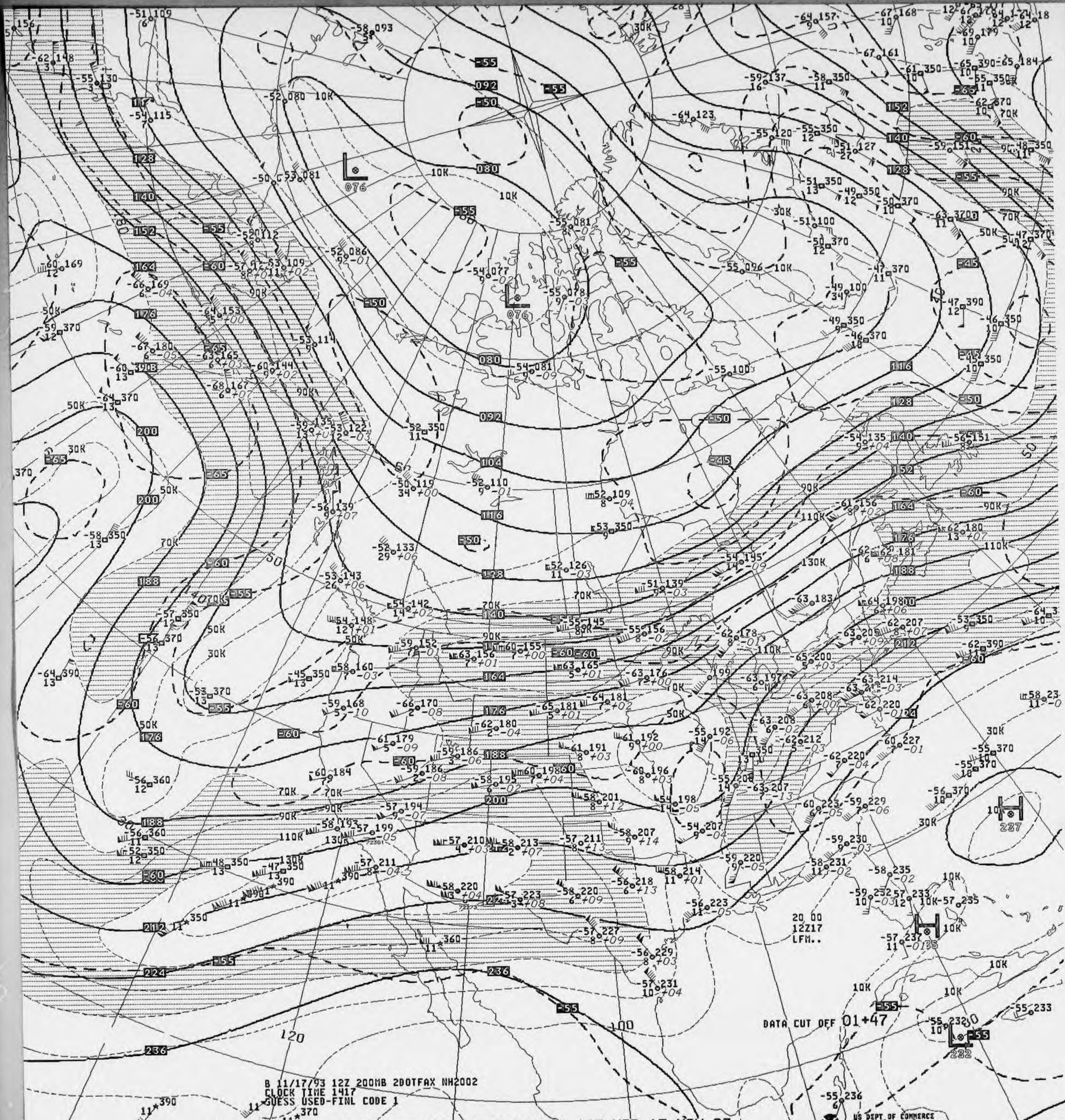


092
080
080
092
104
116
128
140
152
164
176
188
200
212
224
236
240
238
078
079
10K
30K
50K
70K
90K
110K
130K
-45
-50
-55
-60
-65
DATA CUT OFF 01+01
20 00
00Z17
LFM..

B 11/17/93 00Z 200MB 200TFAX NH2002
CLOCK TIME 119
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 17 NOV 93

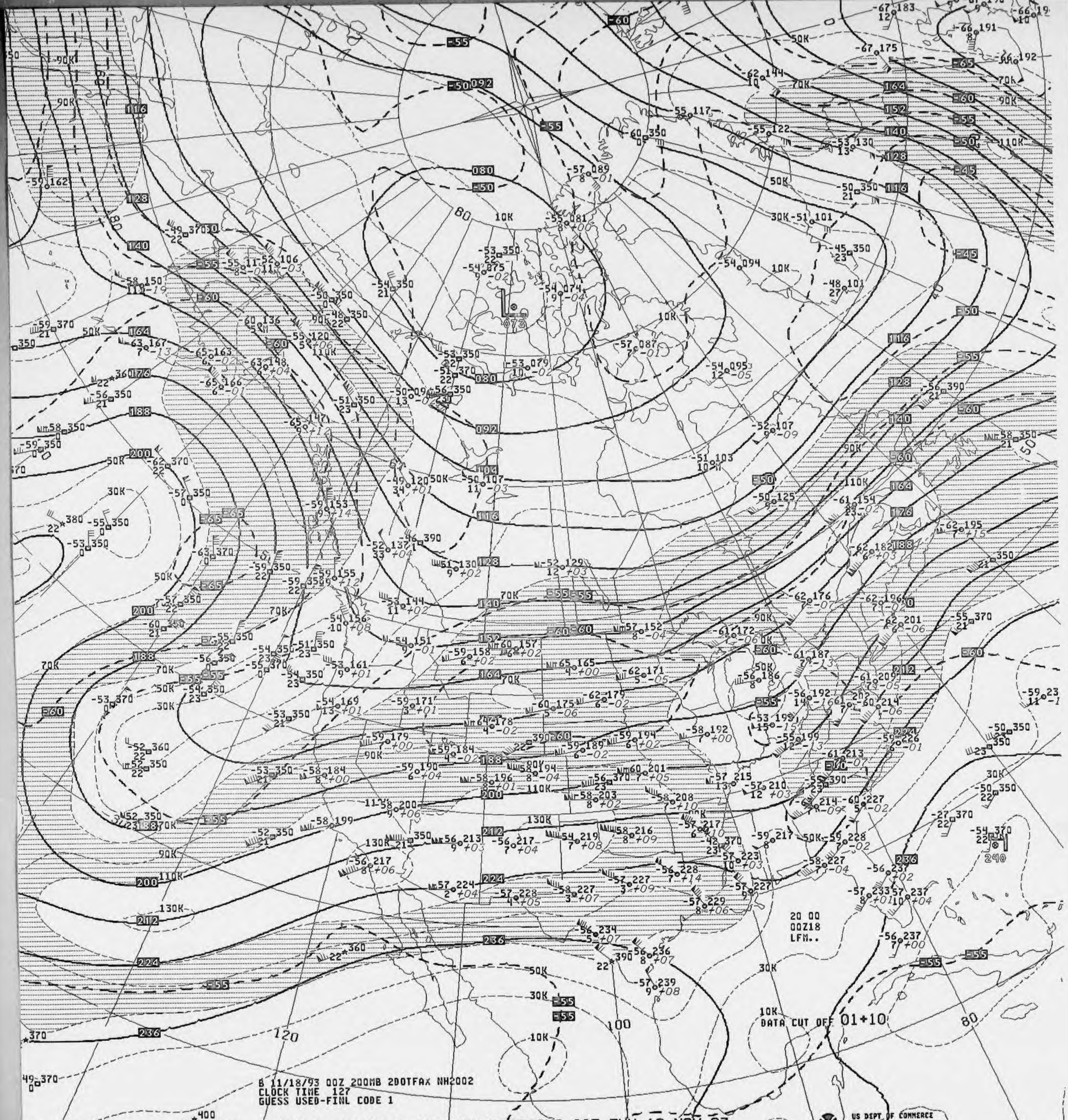
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


20 00
12Z17
LFM..
DATA CUT OFF 01+47

B 11/17/93 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1417
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 17 NOV 93

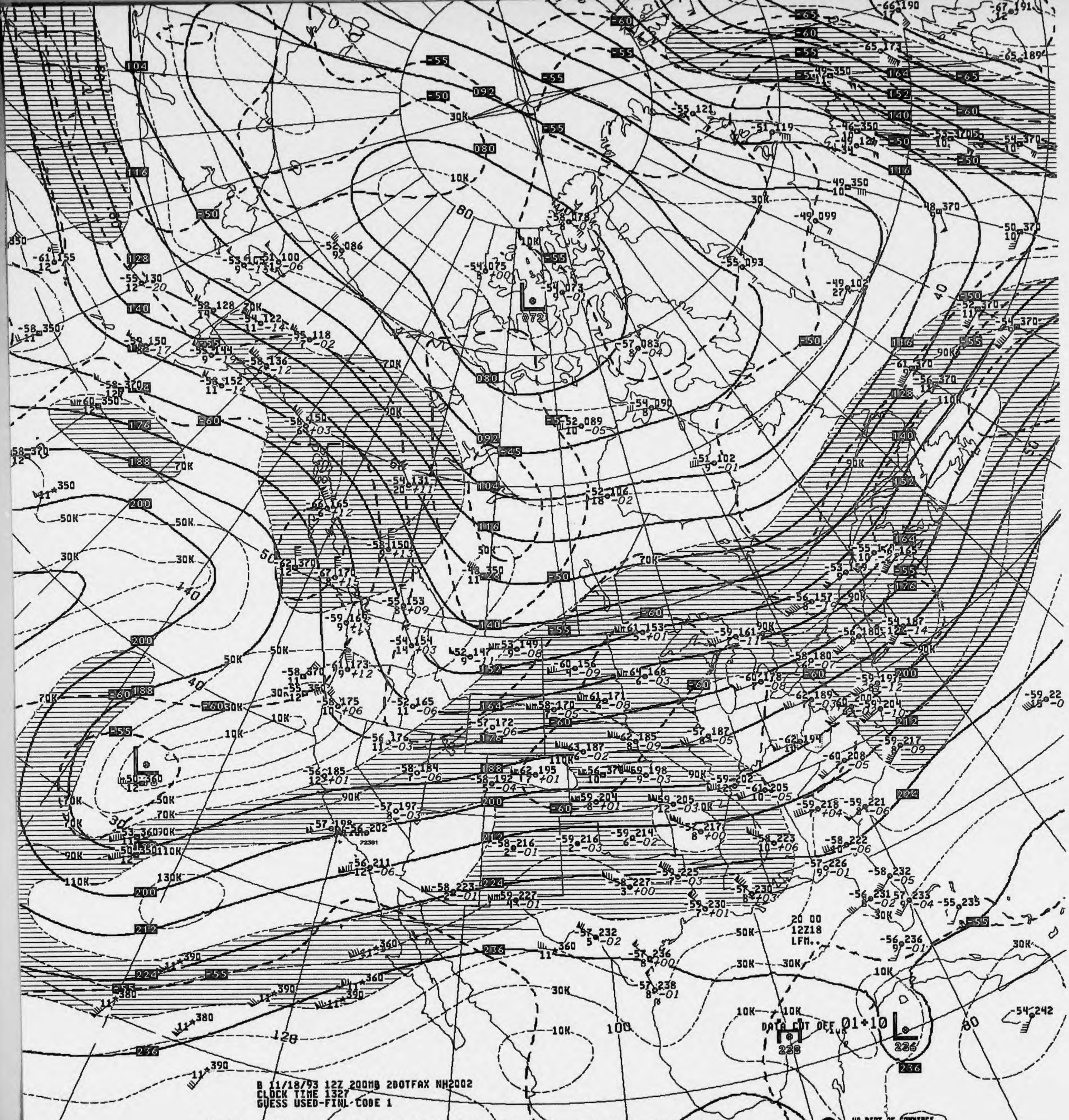
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


20 00
00Z18
LFM..
DATA CUT OFF 01+10

B 11/18/93 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 18 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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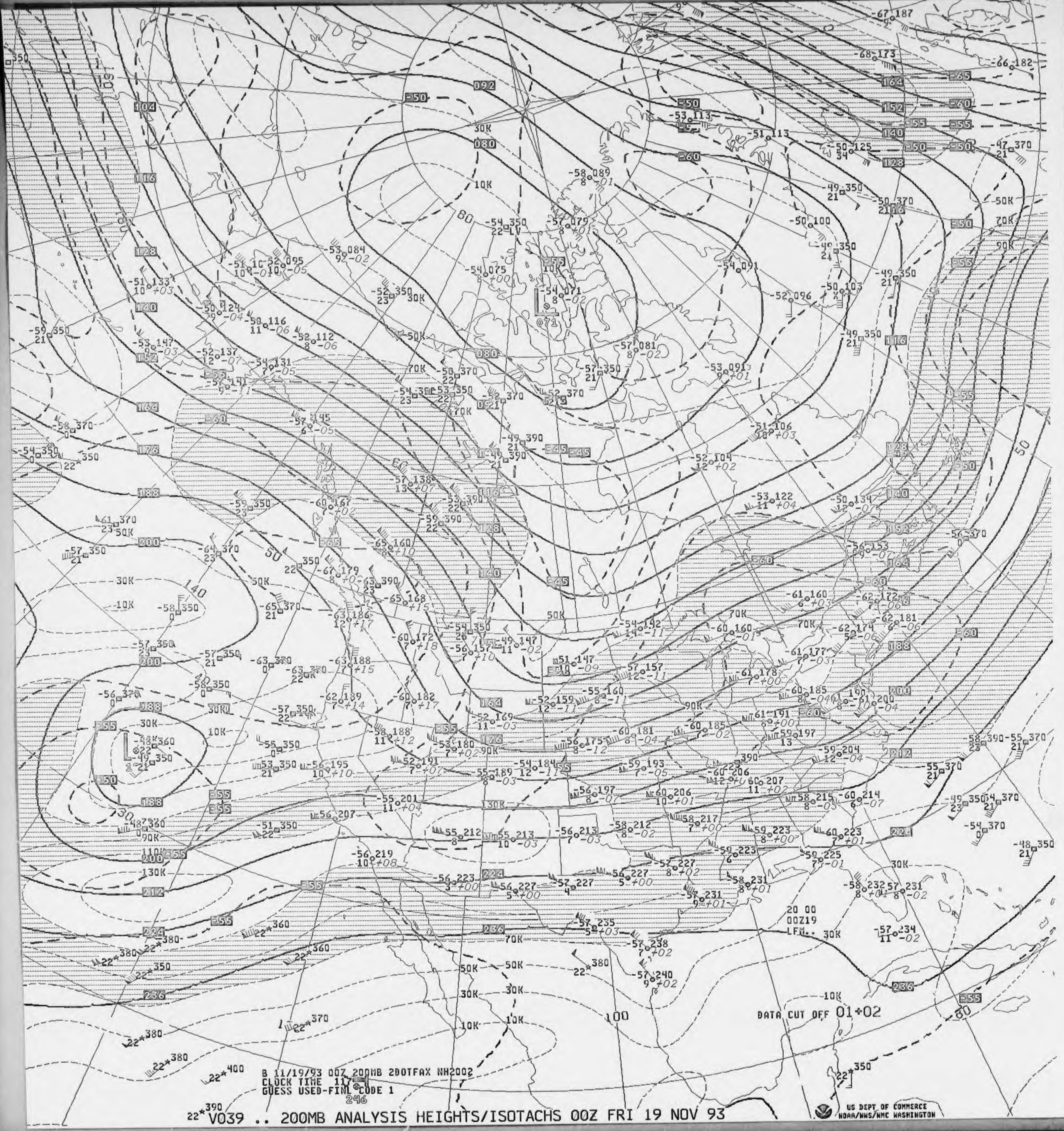
12Z18
LFM..

B 11/18/93 12Z 200MB 200TFAX NH2002
CLOCK TIME 1327
GUESS USED-FINL CODE 1

*V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 18 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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B 11/19/93 00Z 200MB 2D0TFAX NH2002
CLOCK TIME 117
GUESS USED-FINL CODE 1
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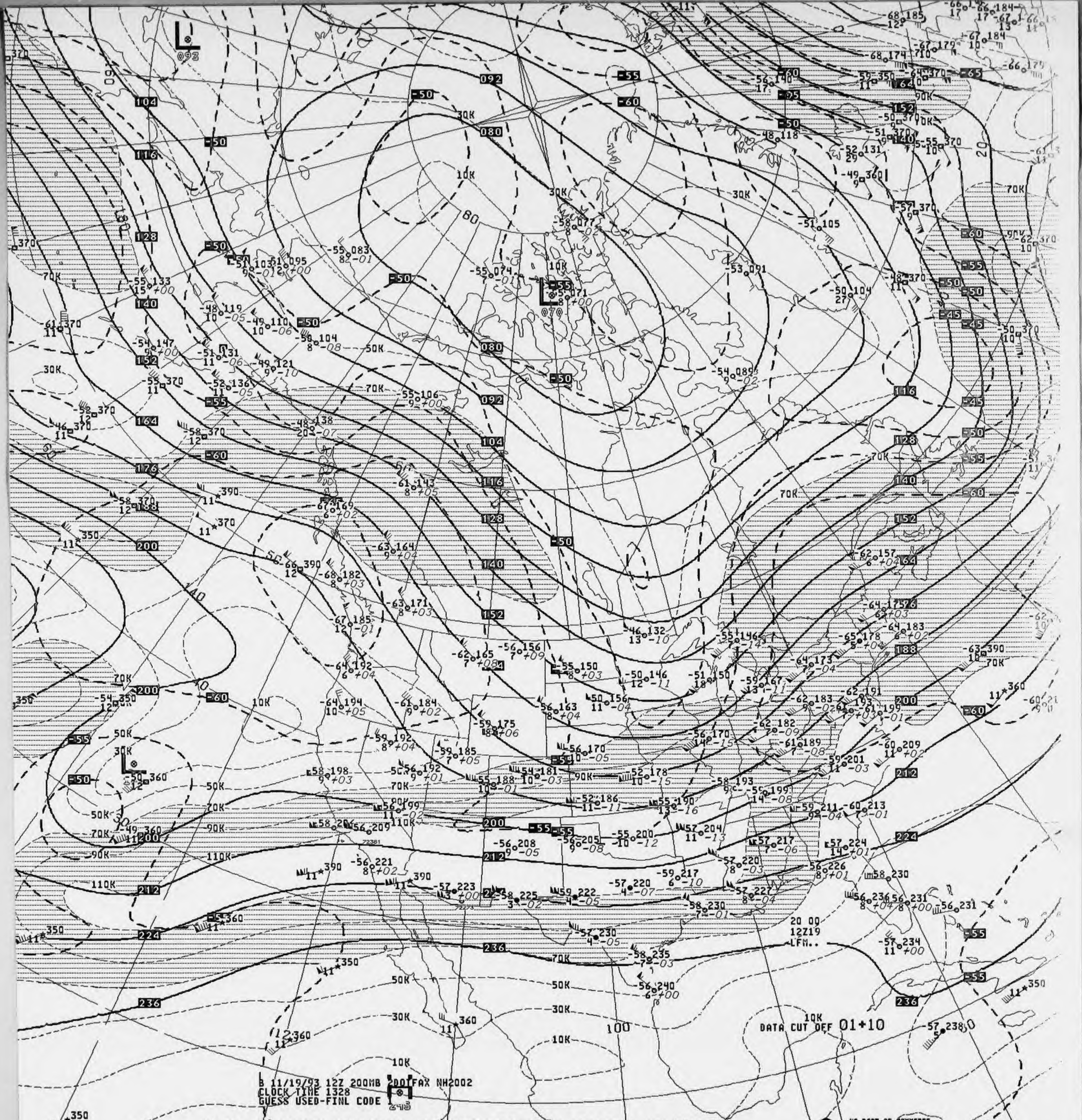
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 19 NOV 93


8 11/19/93 12Z 200MB 200 FAX NH2002
CLOCK TIME 1328
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
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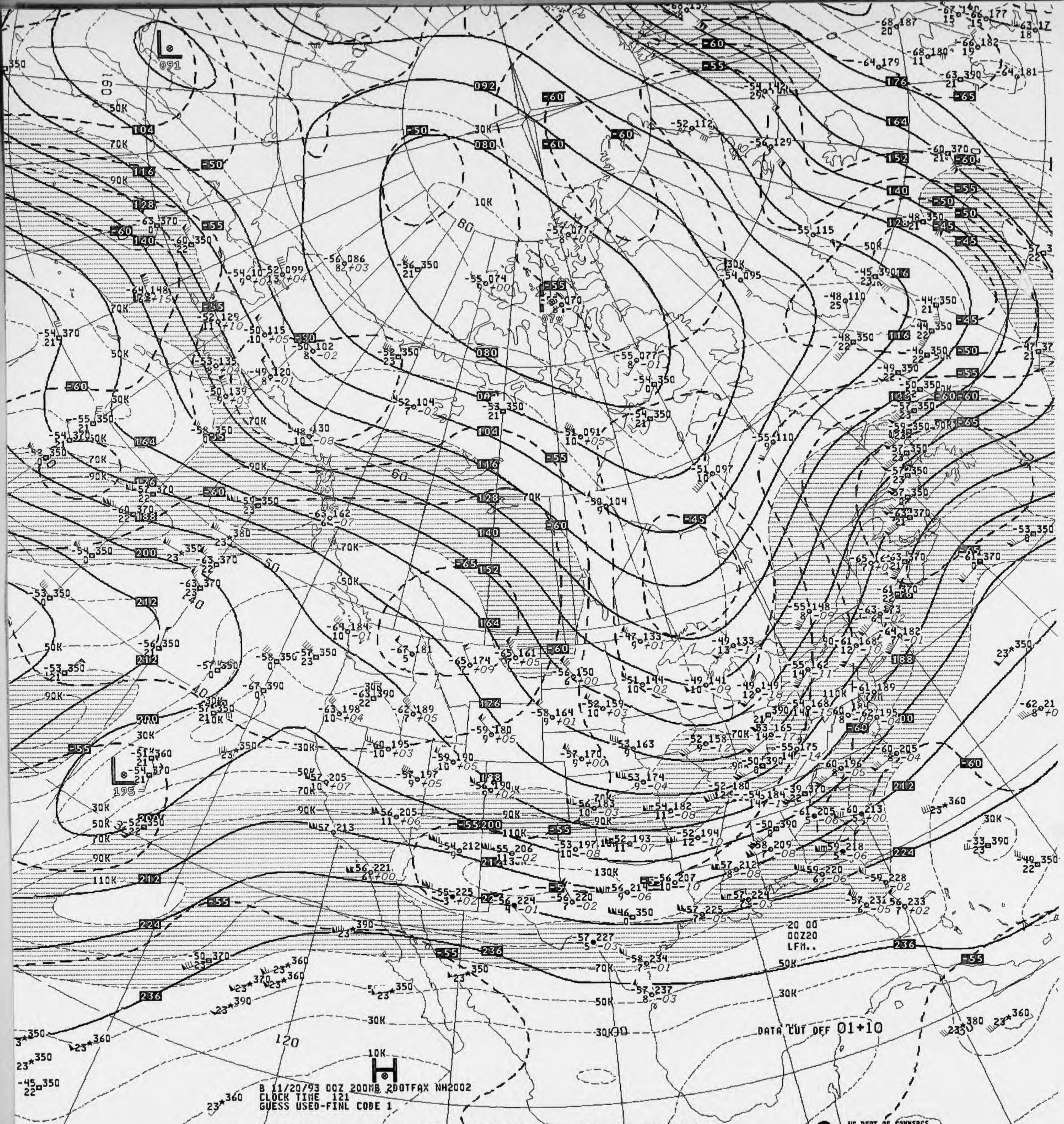
12Z19
LFM..

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 19 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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CLOCK TIME 121
GUESS USED-FINL CODE 1
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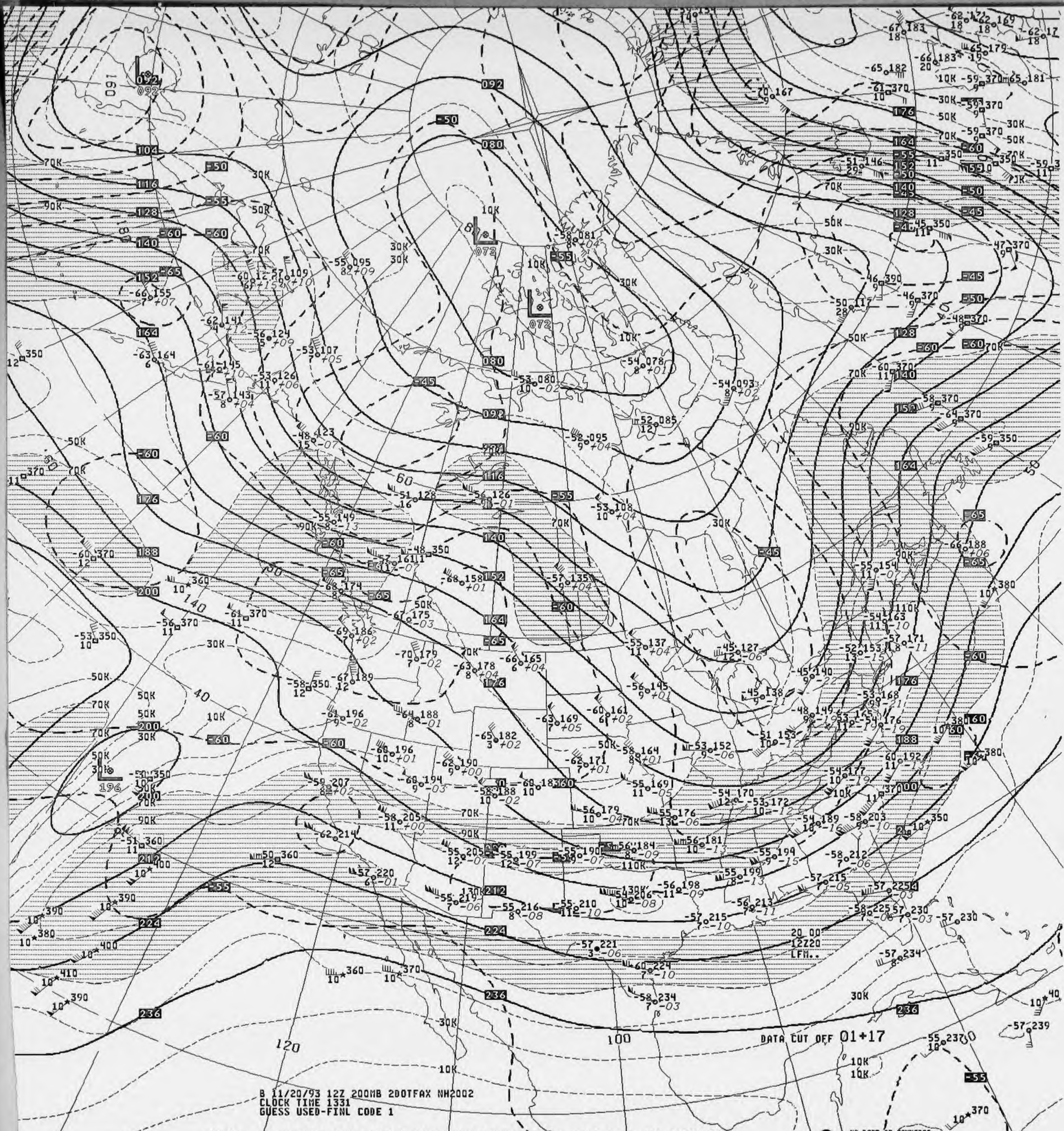
LFM..

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 20 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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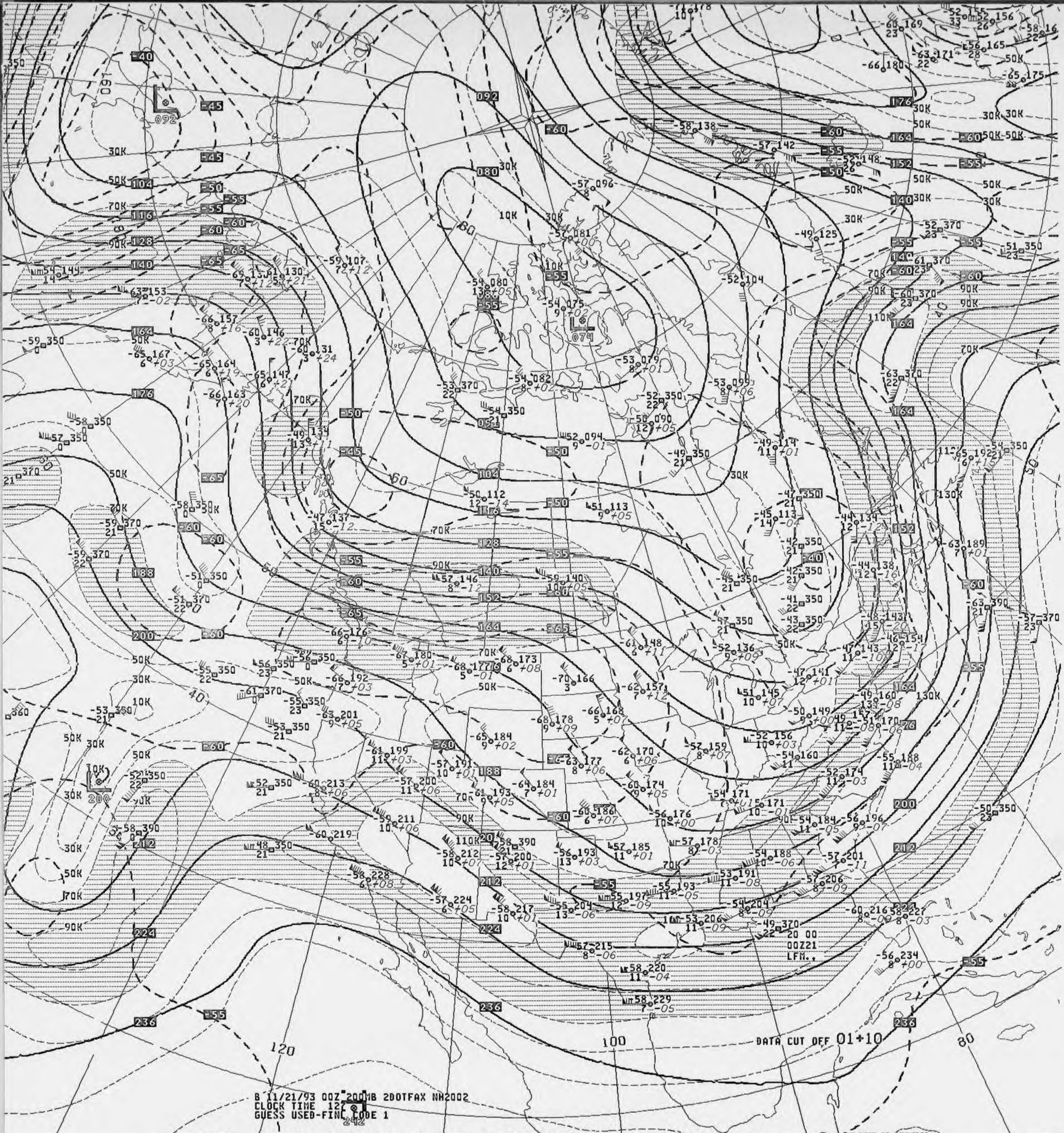
CLOCK TIME 1331
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 20 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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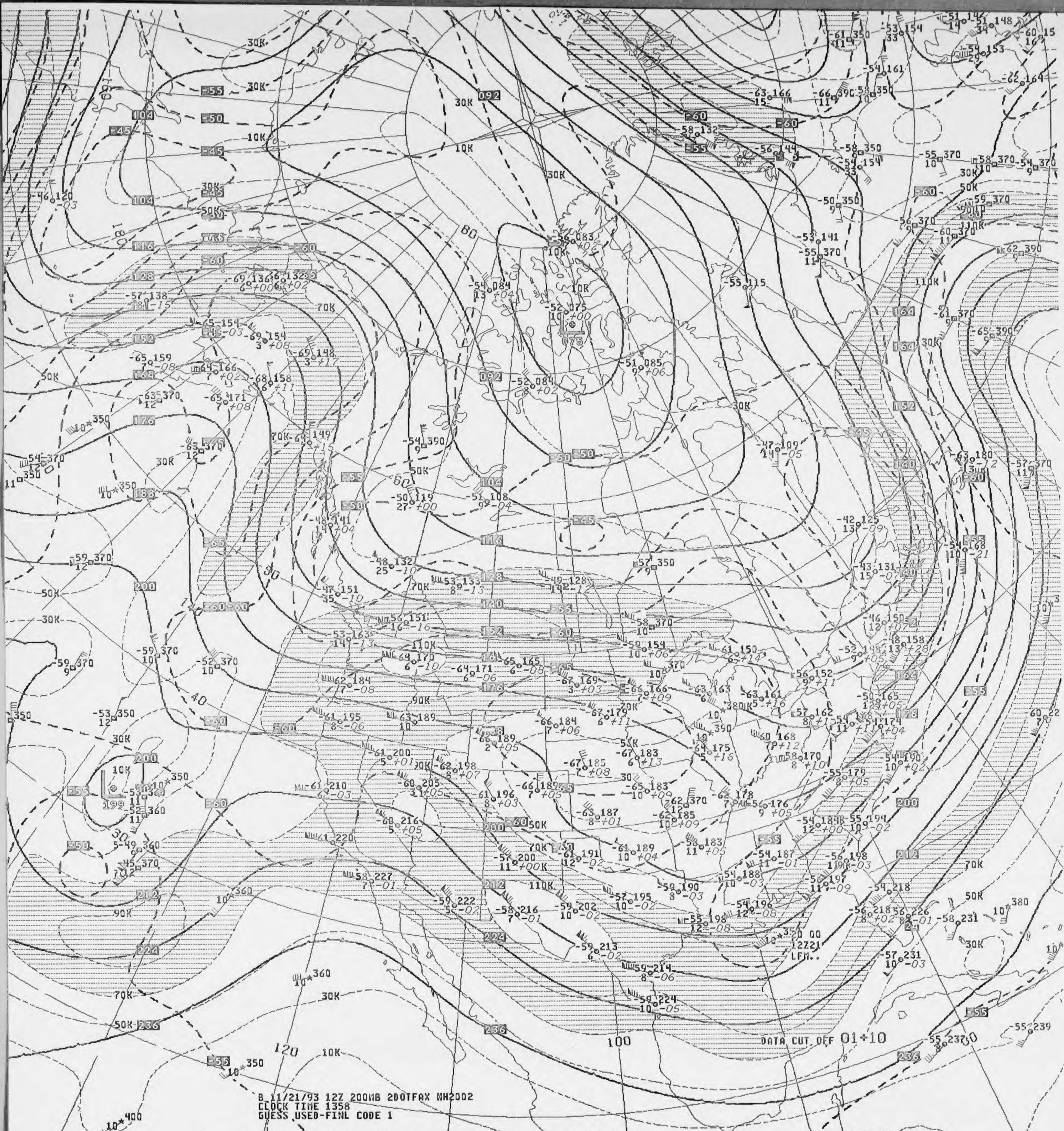
LFM..

B 11/21/93 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 12Z
GUESS USED-FINE CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 21 NOV 93

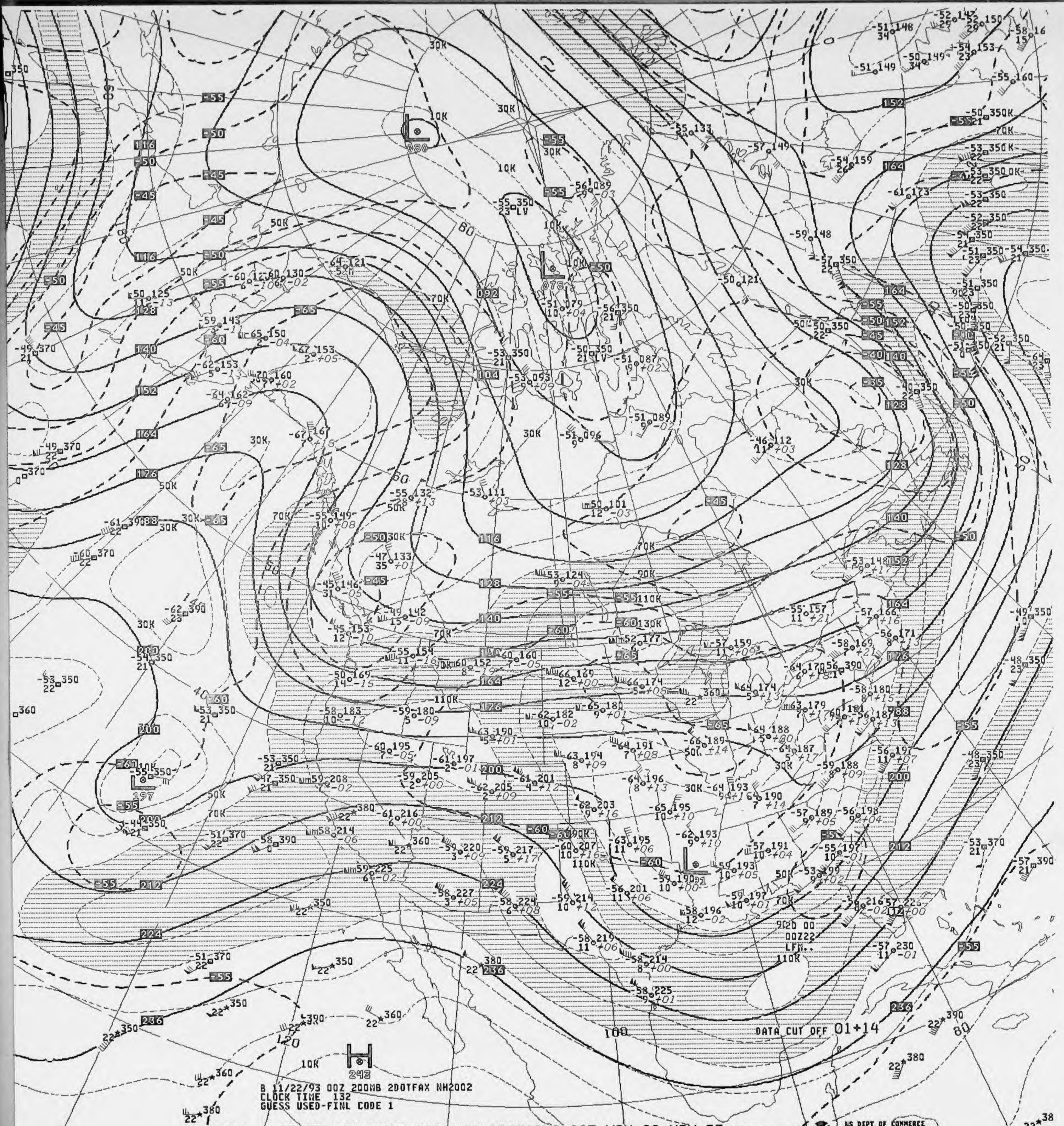
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 11/21/93 12Z 200MB 200TFAX NH2002
CLOCK TIME 1358
GUESS USED-FINL CODE 1

7439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 21 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/22/93 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 132
GUESS USED-FINL CODE 1
DATA CUT OFF 01+14
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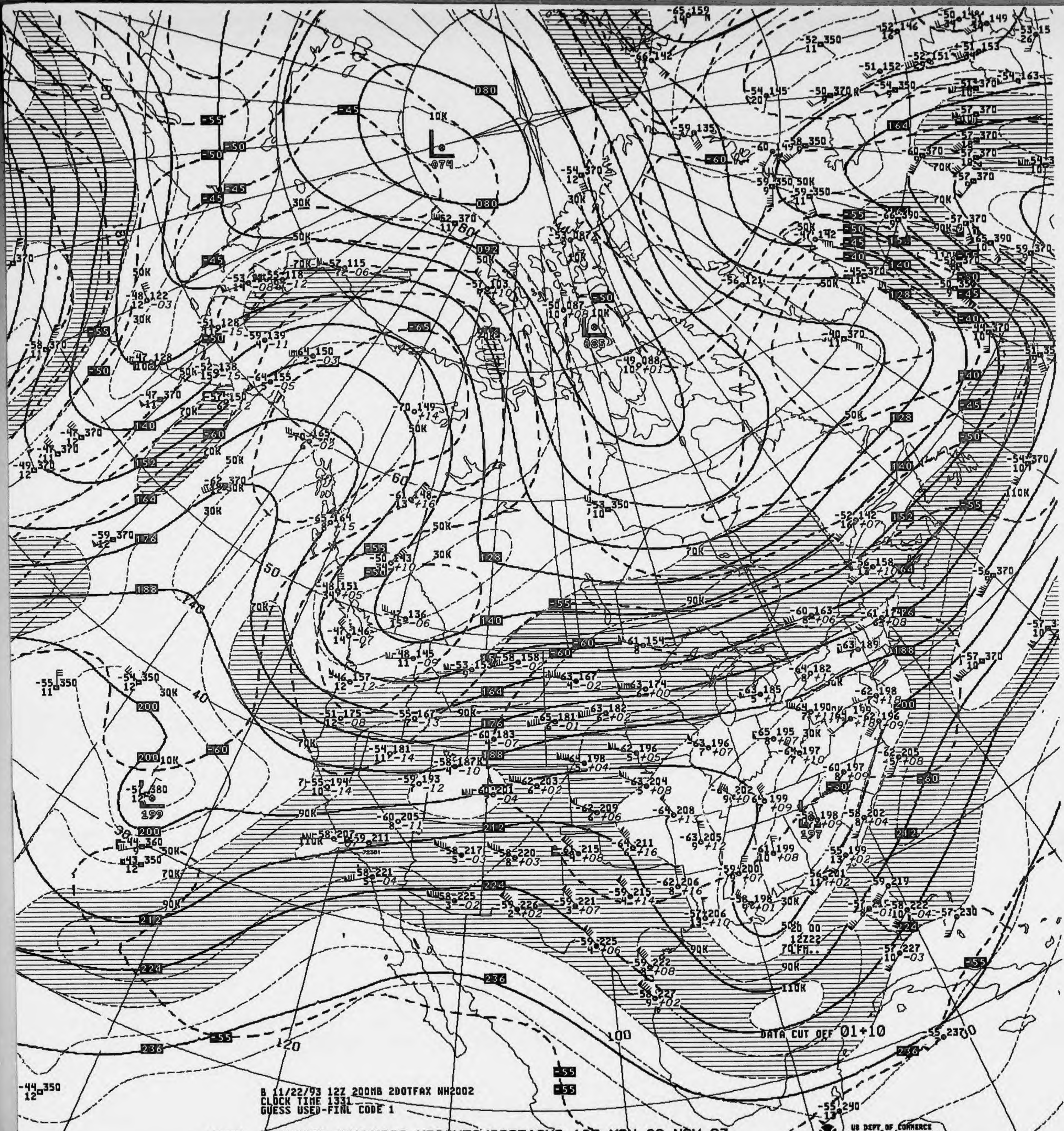
LFM..

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 22 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+10
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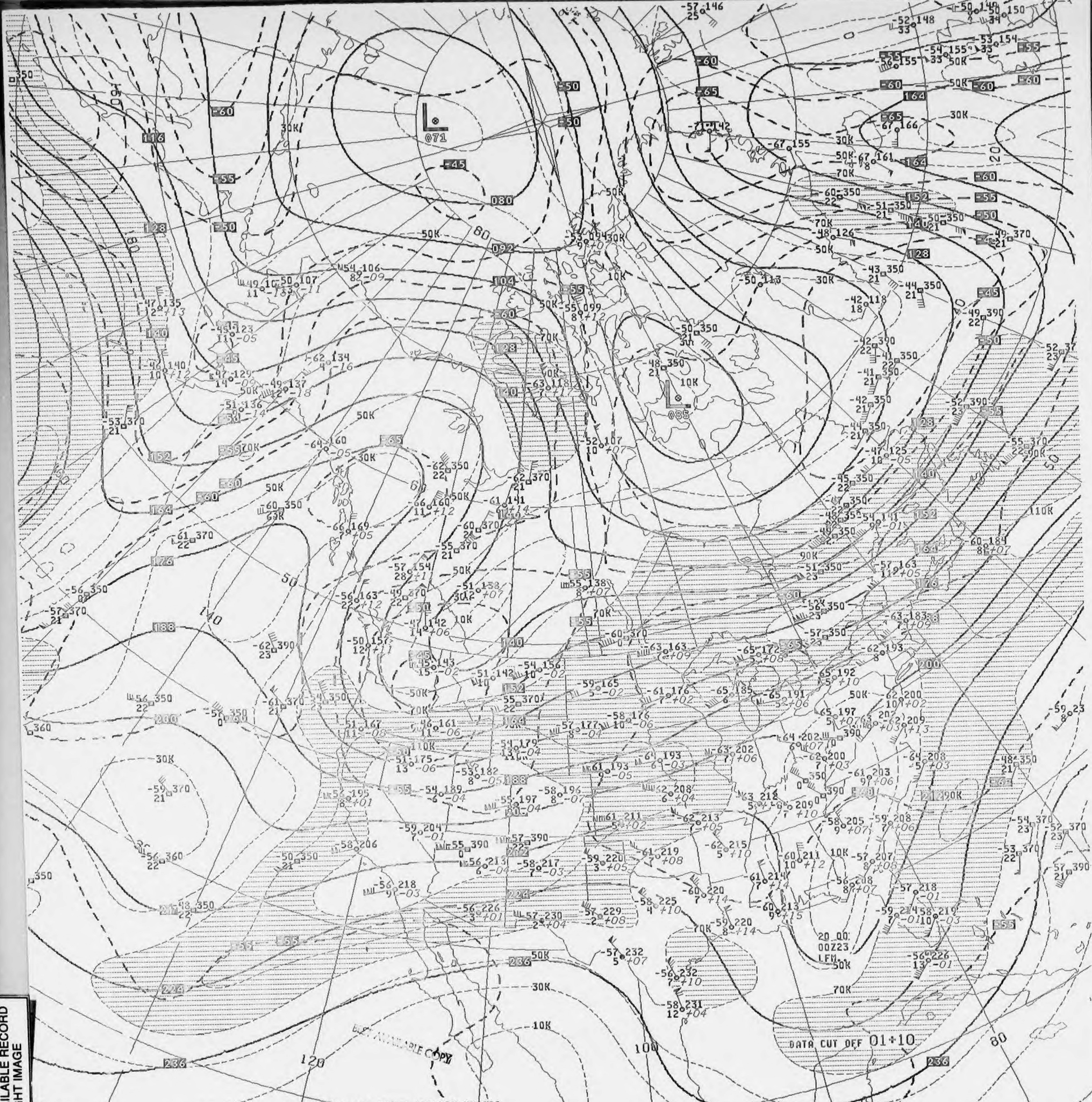
079
L
085
10K
30K
50K
70K
90K
110K

B 11/22/93 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1331
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 22 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
071
L
085
080
092
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176
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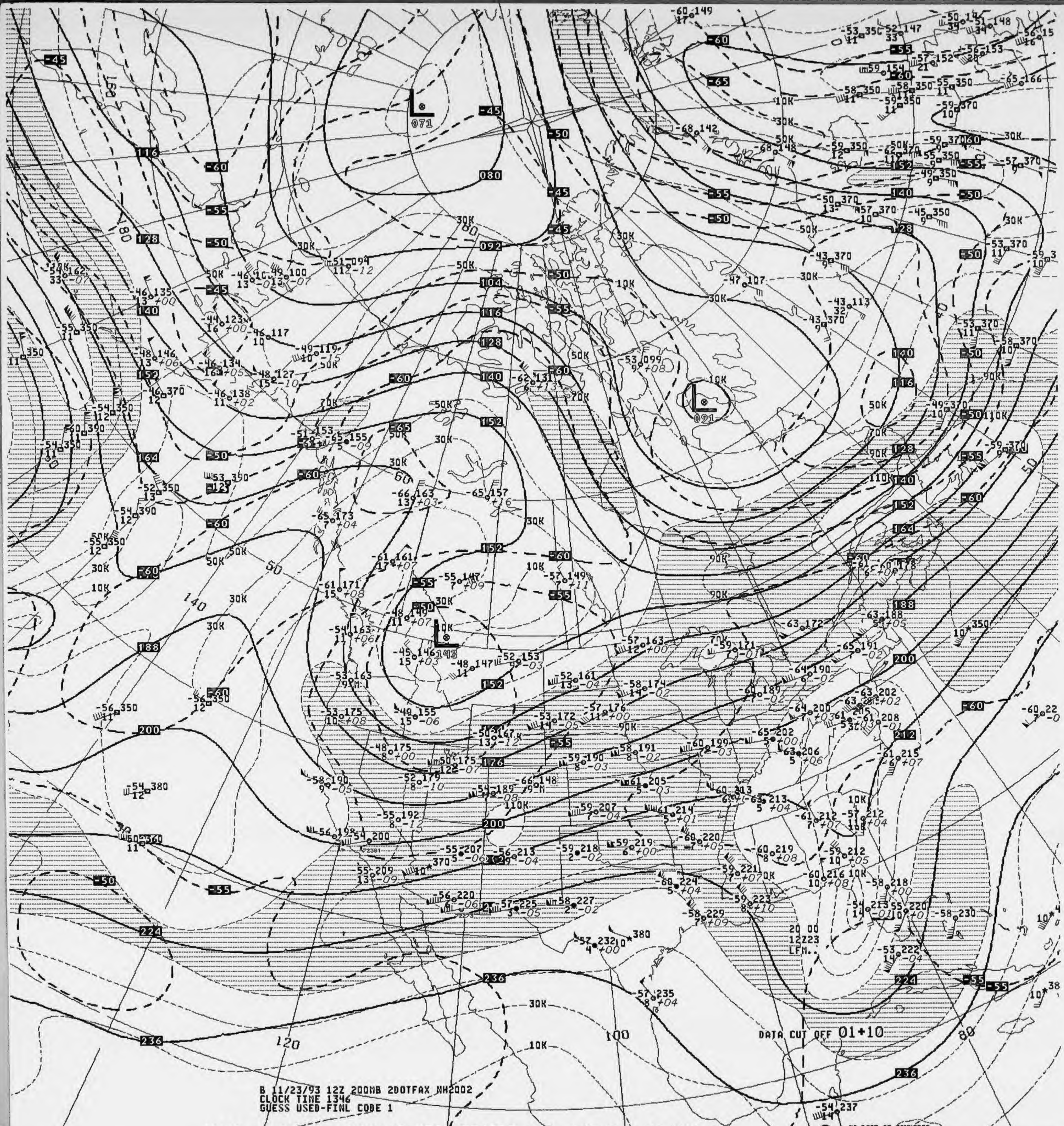
200
212
224
236
30K
50K
70K
90K
110K
10K
DATA CUT OFF 01+10
20 00Z23 LFM
BEST AVAILABLE COPY

B 11/23/93 00Z 200MB 200TFAX NH2002
CLOCK TIME 122
GUESS USED-FINL CODE 1

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 23 NOV 93

BEST AVAILABLE RECORD
LIGHT IMAGE


DATA CUT OFF 01+10
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12Z23
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
071
080
091
092
104
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128
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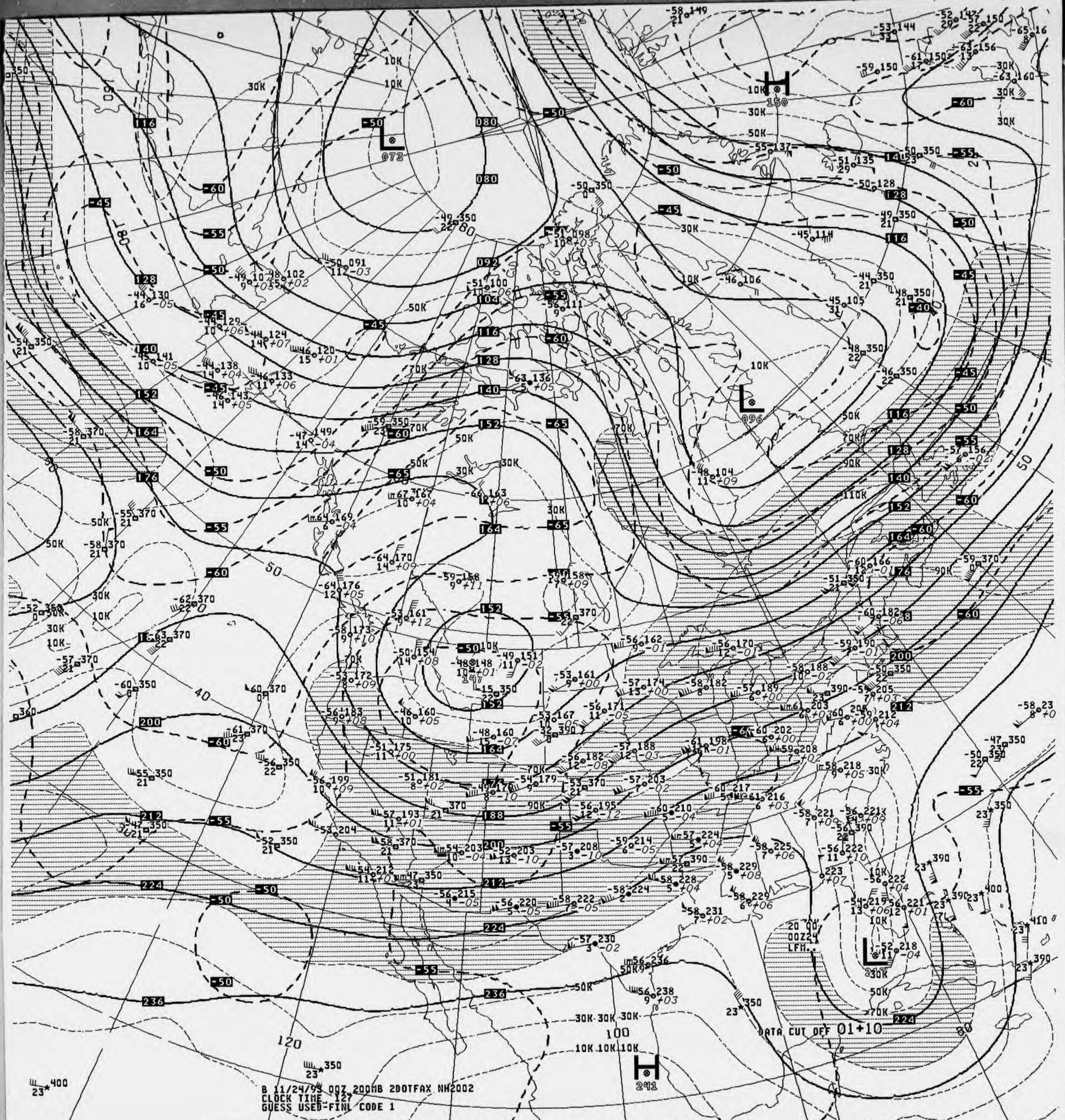
143
152
164
176
188
200
212
224
236
-45
-50
-55
-60
-65
10K
30K
50K
70K
90K
110K
40
50
60
80
100
120
140
160
180

B 11/23/93 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1346
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 23 NOV 93

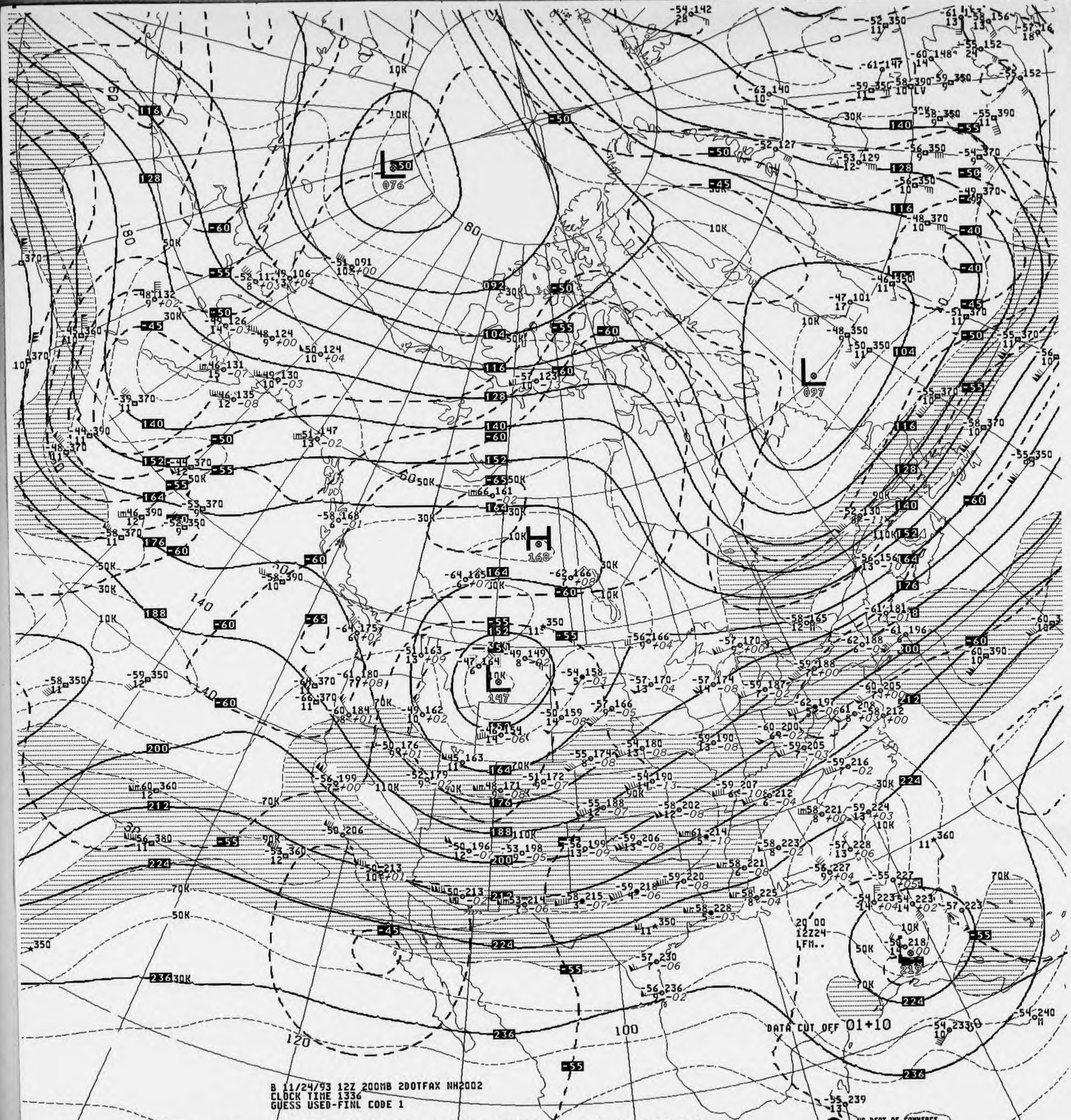


B 11/24/93 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

DATA CUT OFF 01+10

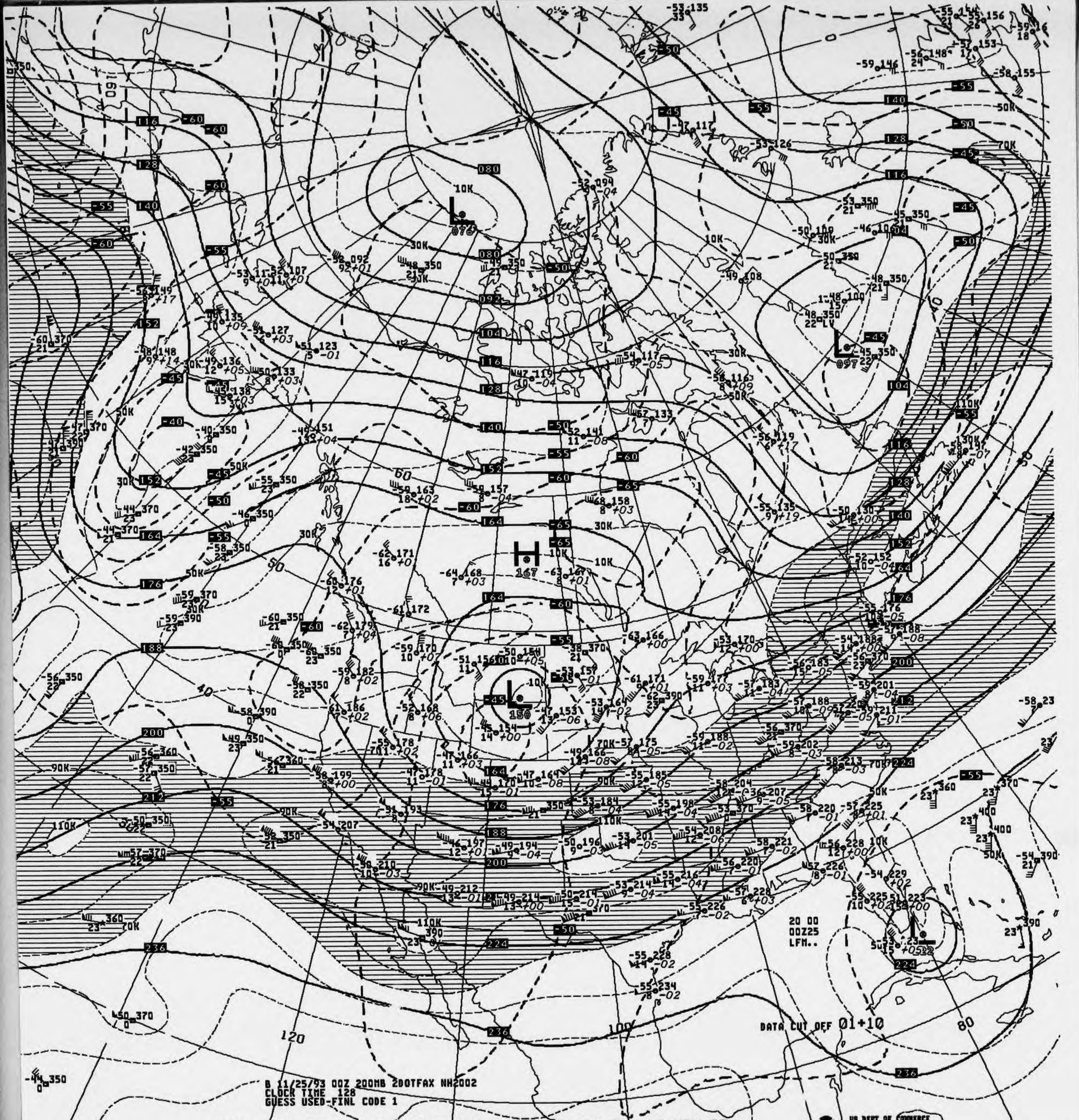
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 24 NOV 93


L 076
L 097
H 168
L 147
L 219
DATA CUT OFF 01+10
20 00
12224
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 11/24/93 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1336
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 24 NOV 93



DATA CUT OFF 01+10
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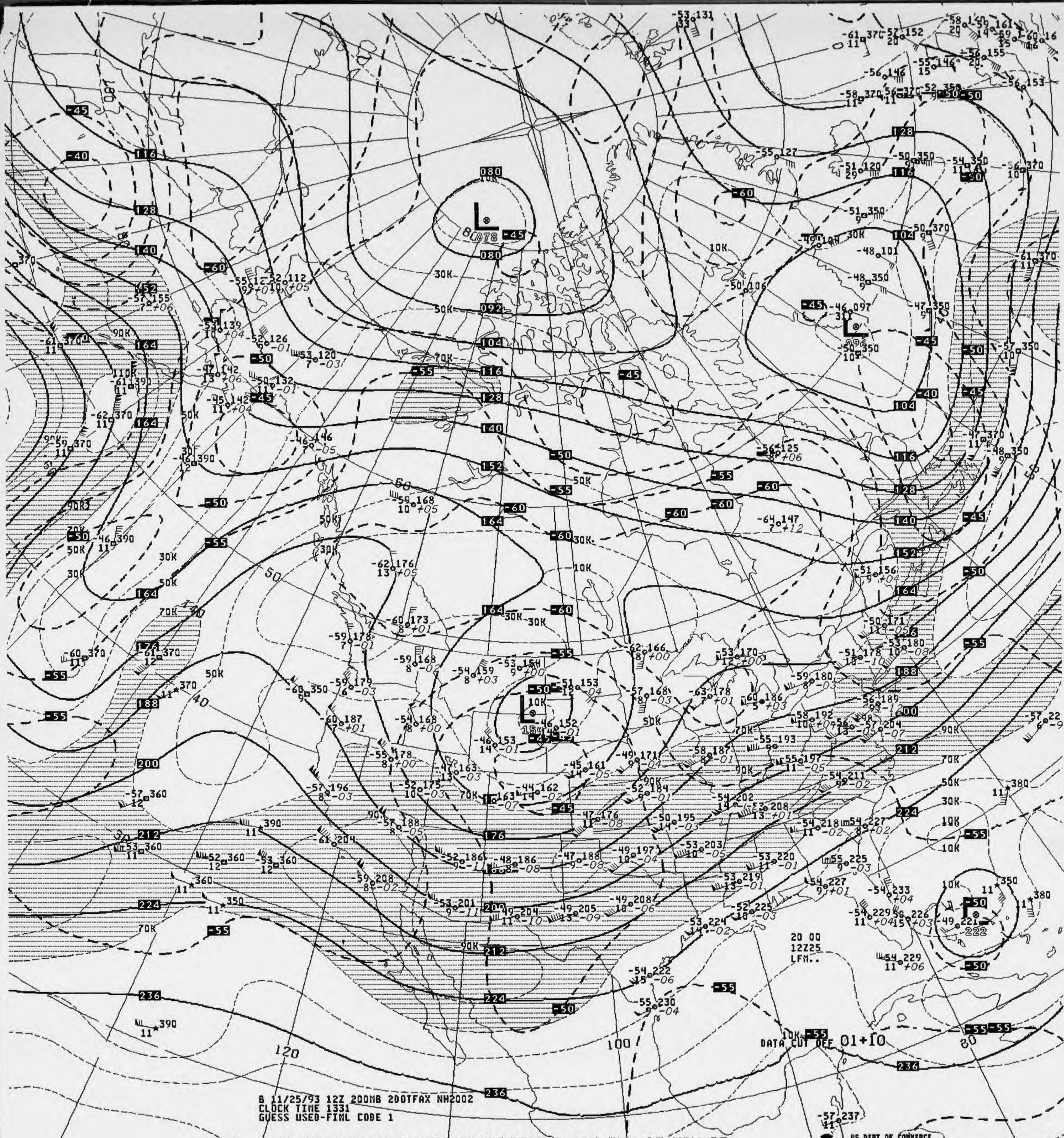
00Z25
LFM..

B 11/25/93 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 128
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 25 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/25/93 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1331
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
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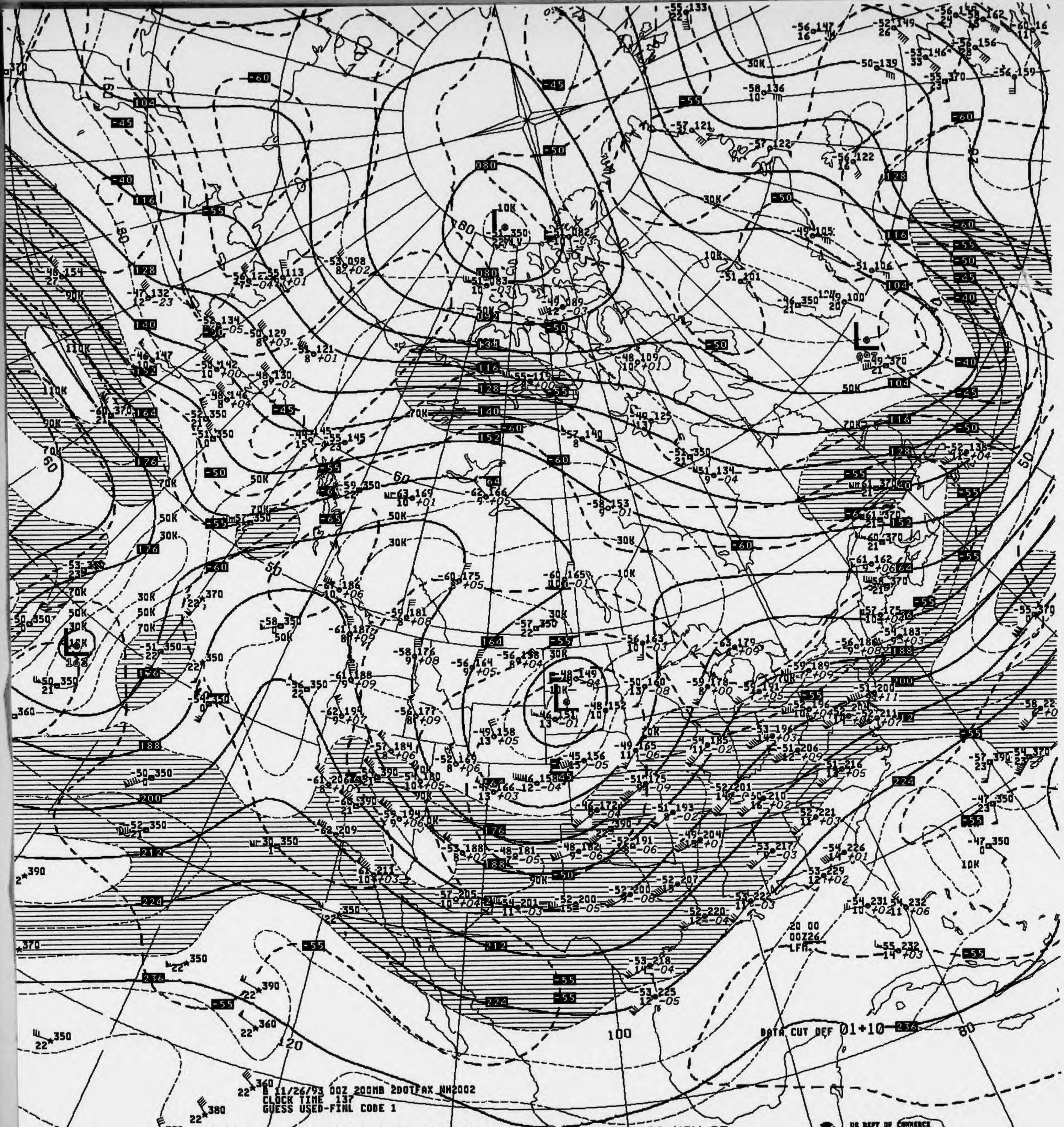
12Z25
LFM..

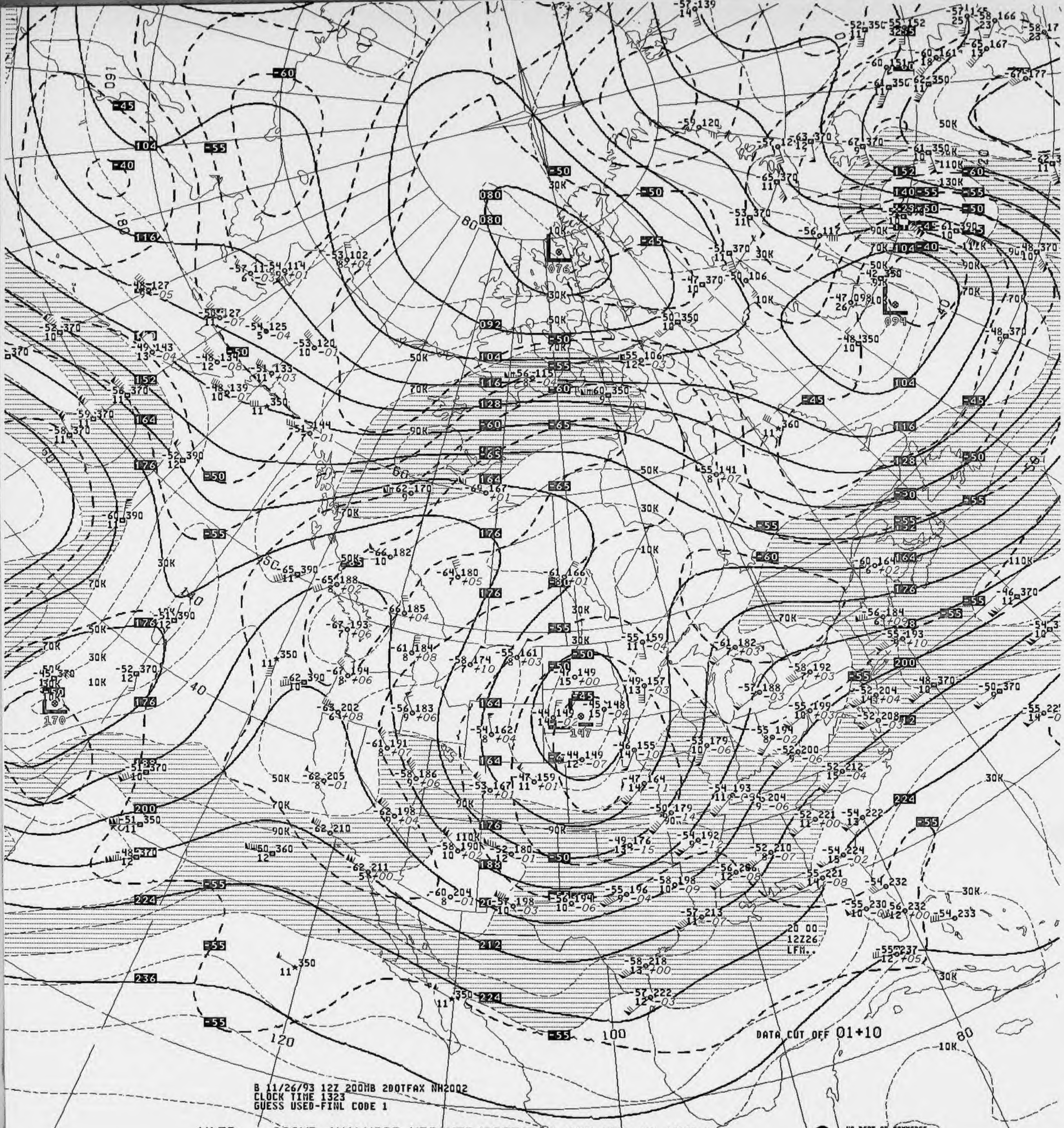
V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 25 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/26/93 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 137
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
00Z26
LFM.
100
120
80

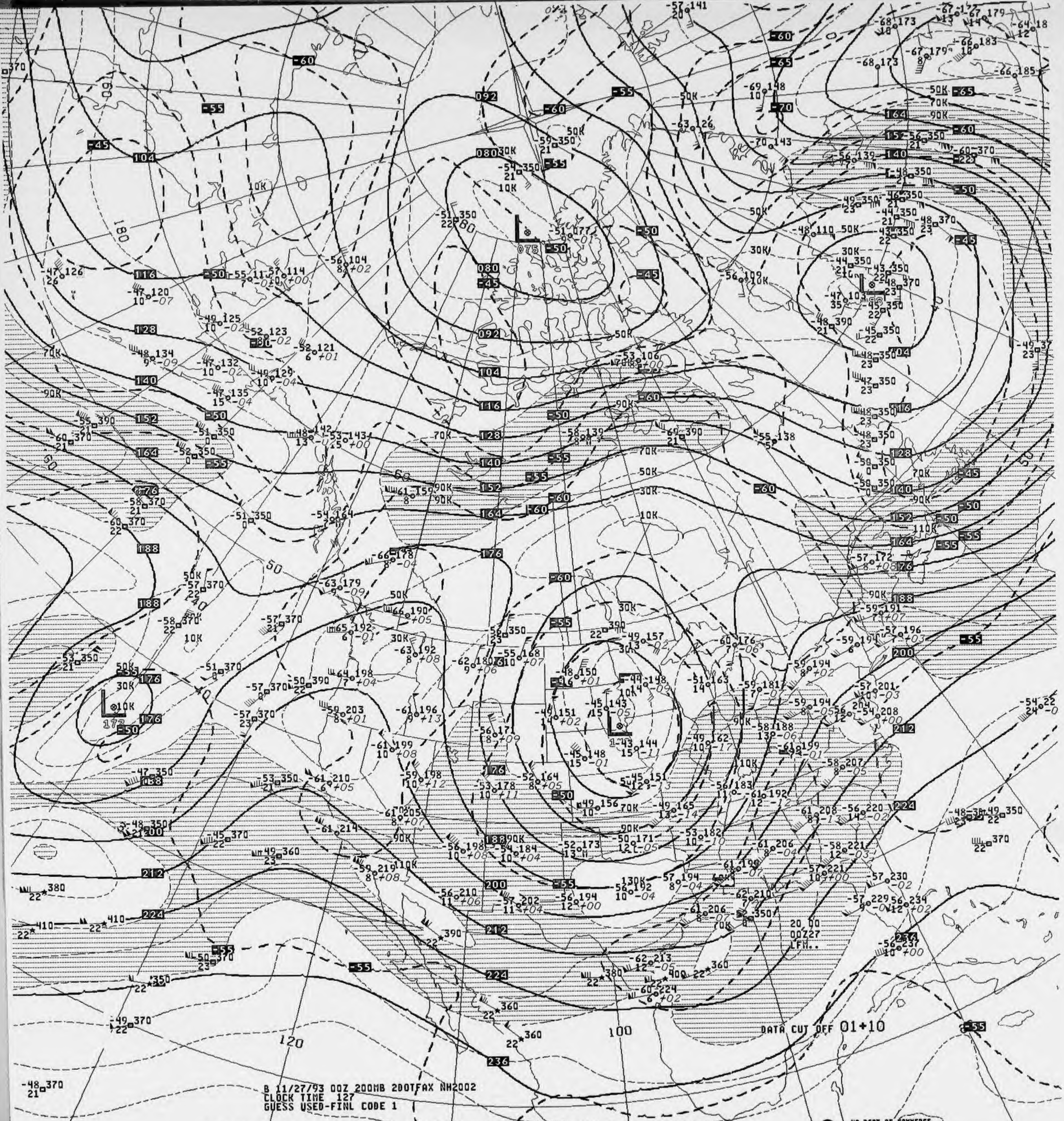
V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 26 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+10
B 11/26/93 12Z 200MB 200TFAX NH2002
CLOCK TIME 1323
GUESS USED-FINL CODE 1
20 00
12Z26
LFM..

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 26 NOV 93

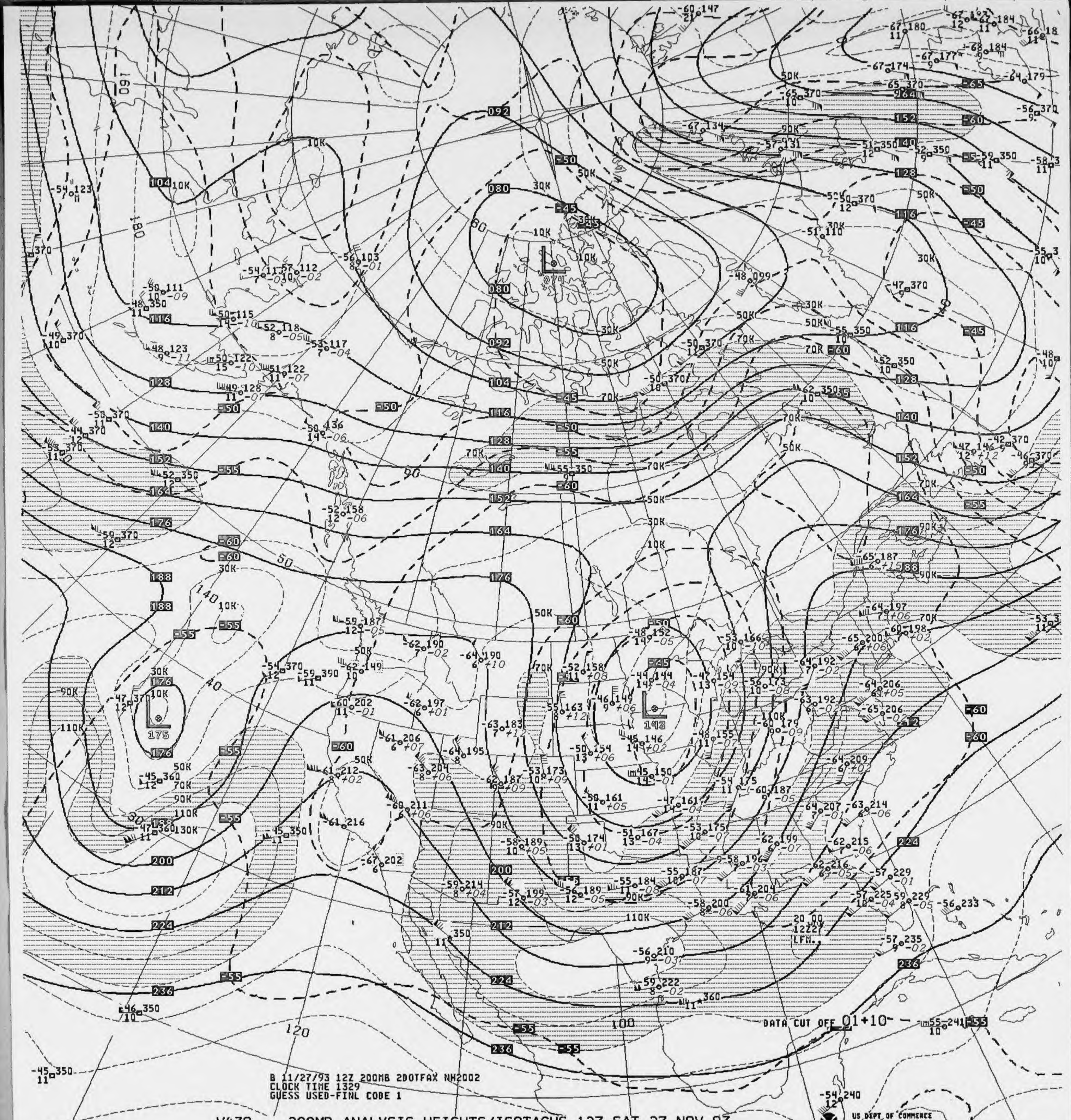
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+10
20 00
00Z27
LFM..
180
120
100
092
080
075
104
116
128
140
152
164
176
188
200
212
224
236
-45
-50
-55
-60
-65
-70
10K
30K
50K
70K
90K
110K
130K

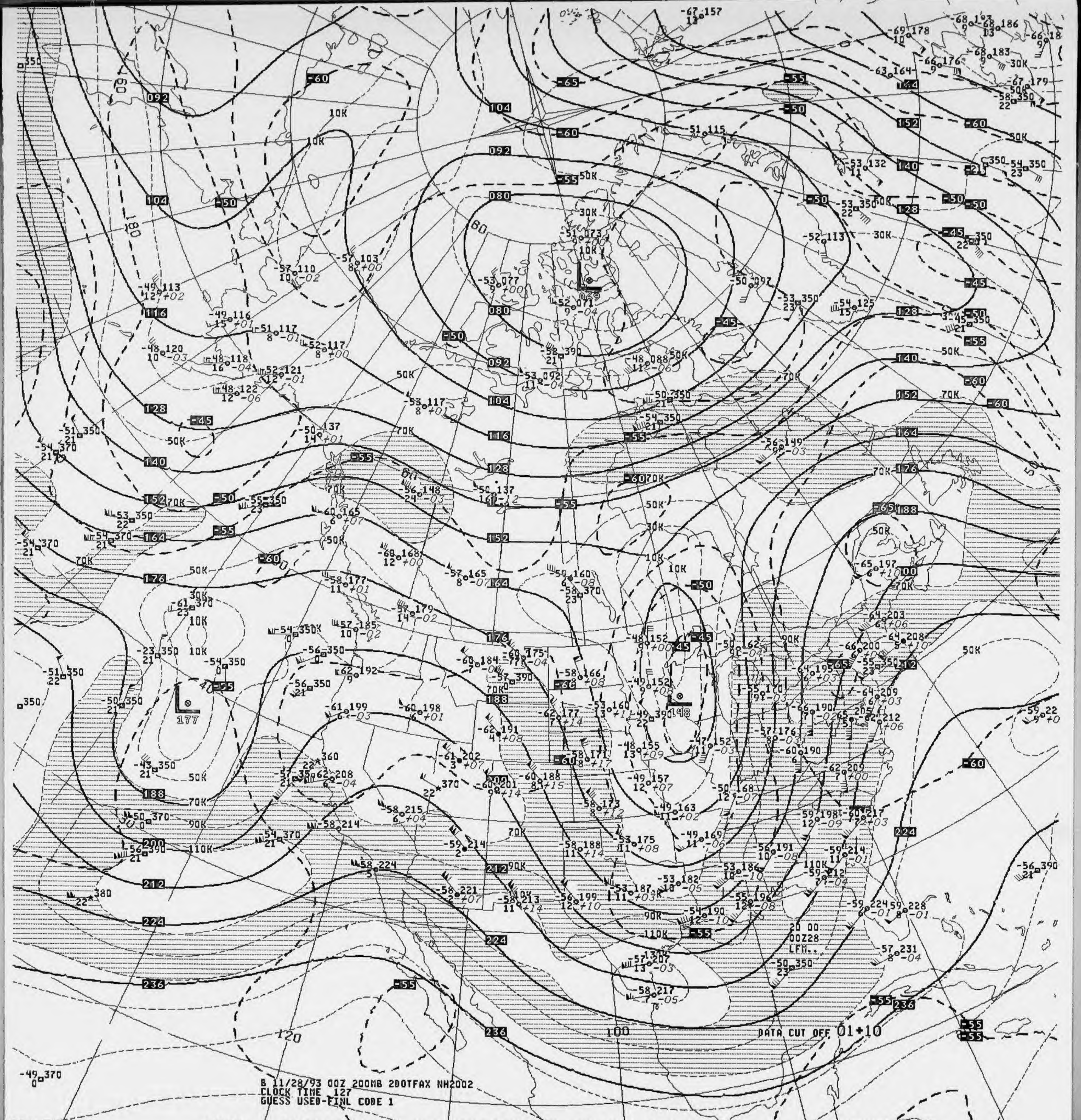
B 11/27/93 00Z 200MB 200TFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 27 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/27/93 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1329
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 27 NOV 93

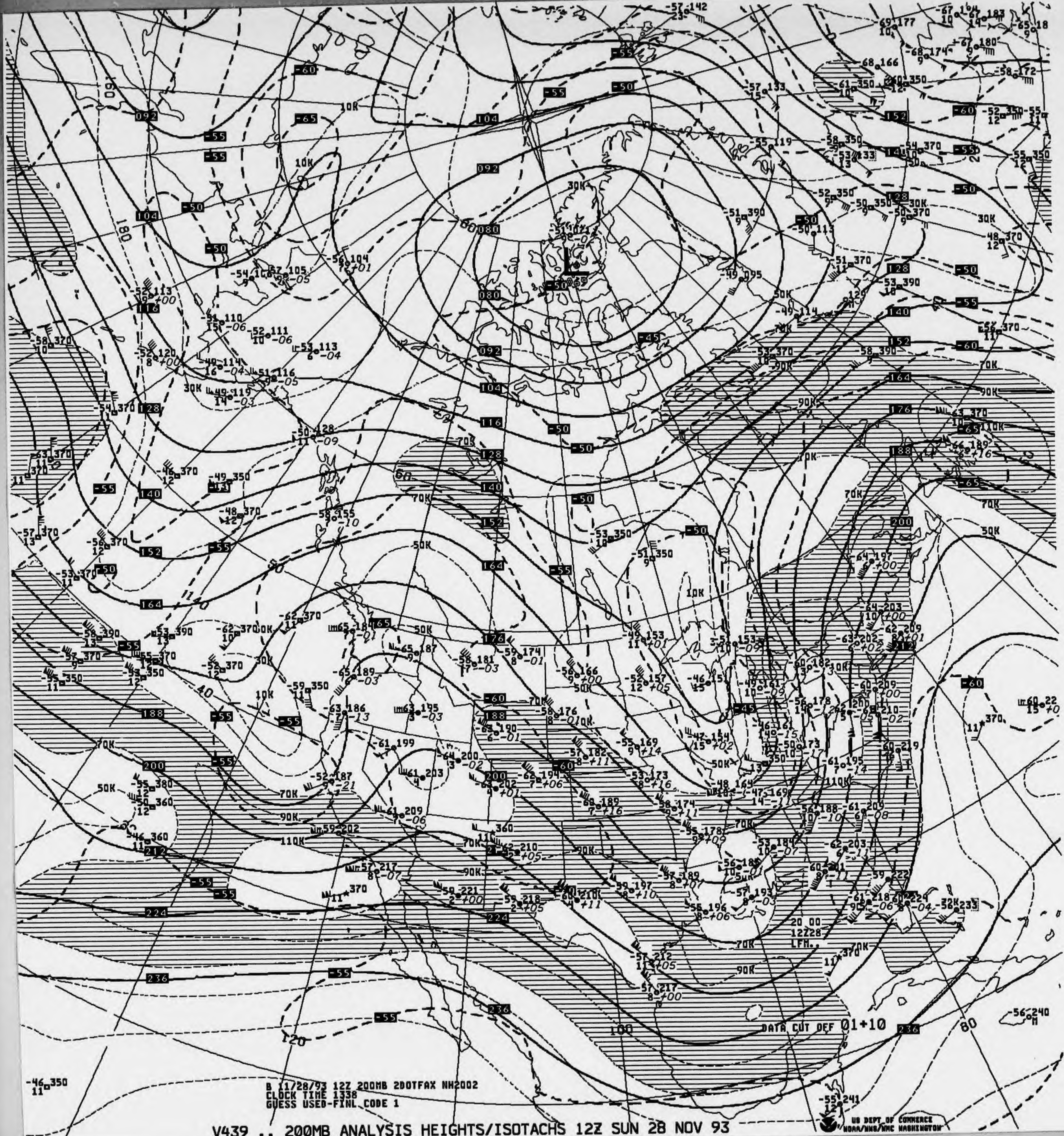


092
104
116
128
140
152
164
176
188
200
212
224
236
080
-50
-55
-60
-65
-45
10K
30K
50K
70K
90K
110K
177
148
079
DATA CUT OFF 01+10
20 00
00Z28
LFM..

B 11/28/93 00Z 200MB 200TFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 28 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+10
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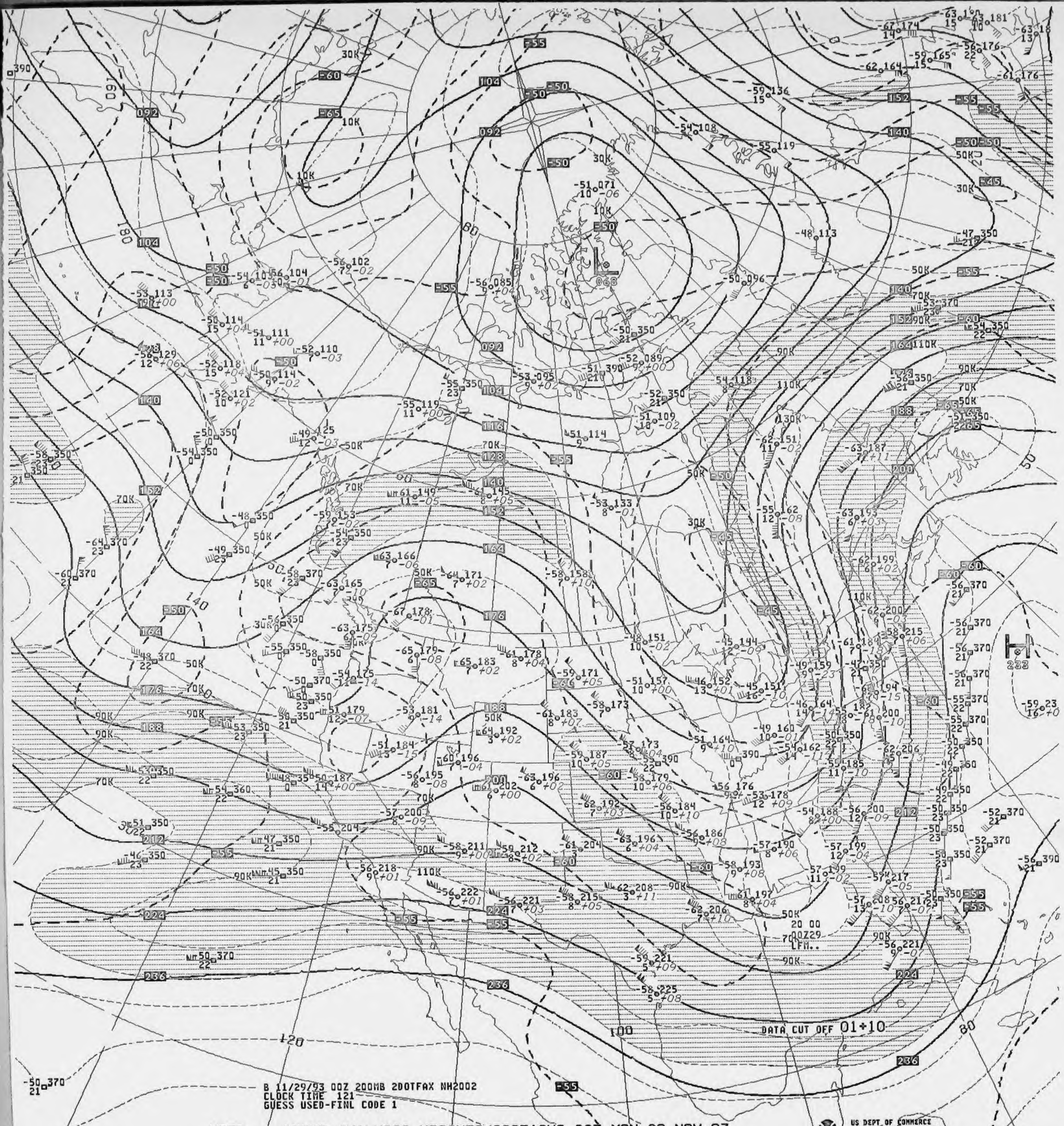
12Z28
LFM.
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

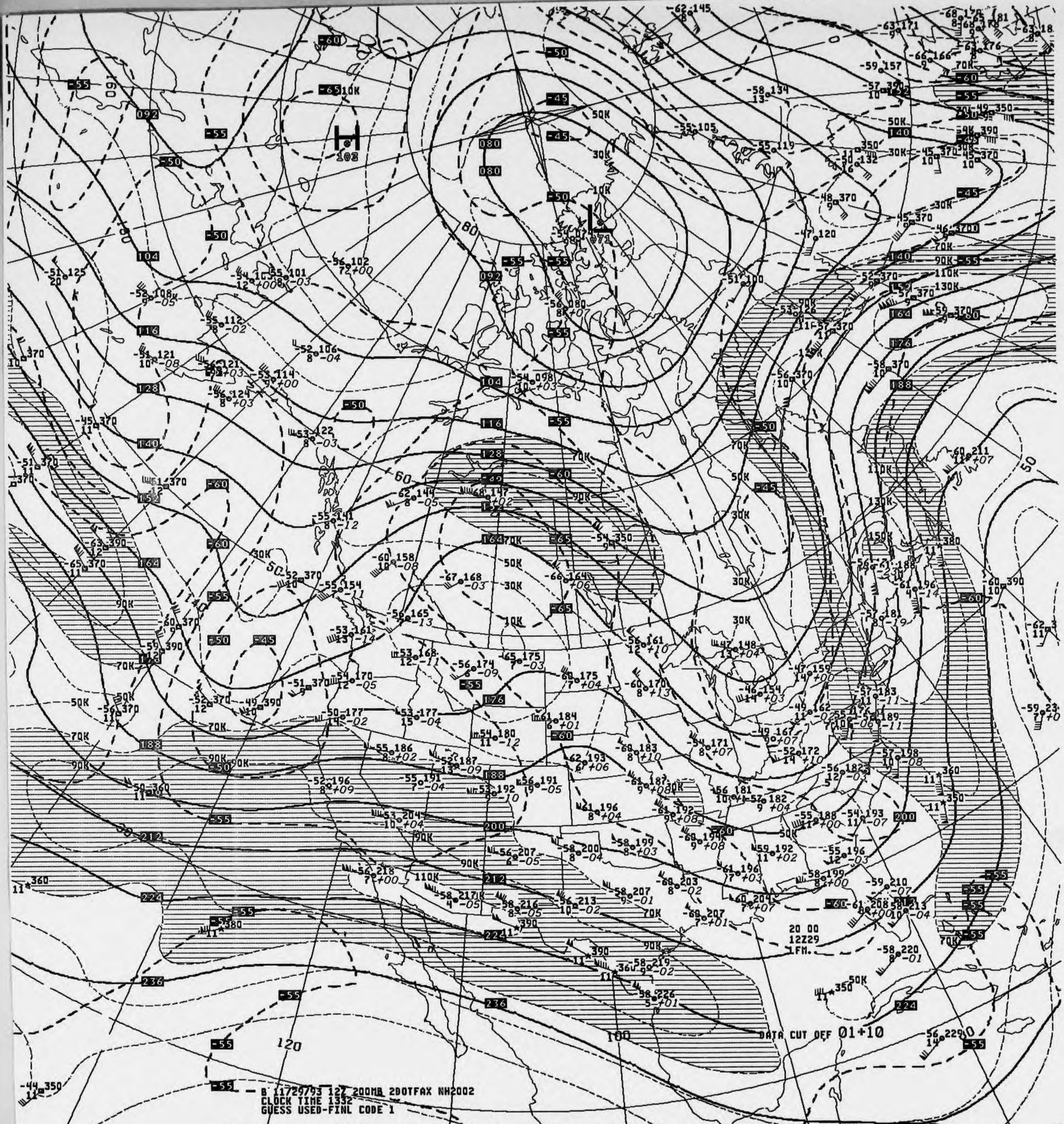
B 11/28/93 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1338
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 28 NOV 93


B 11/29/93 00Z 200MB 200TFAX NH2002
CLOCK TIME 121
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 29 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

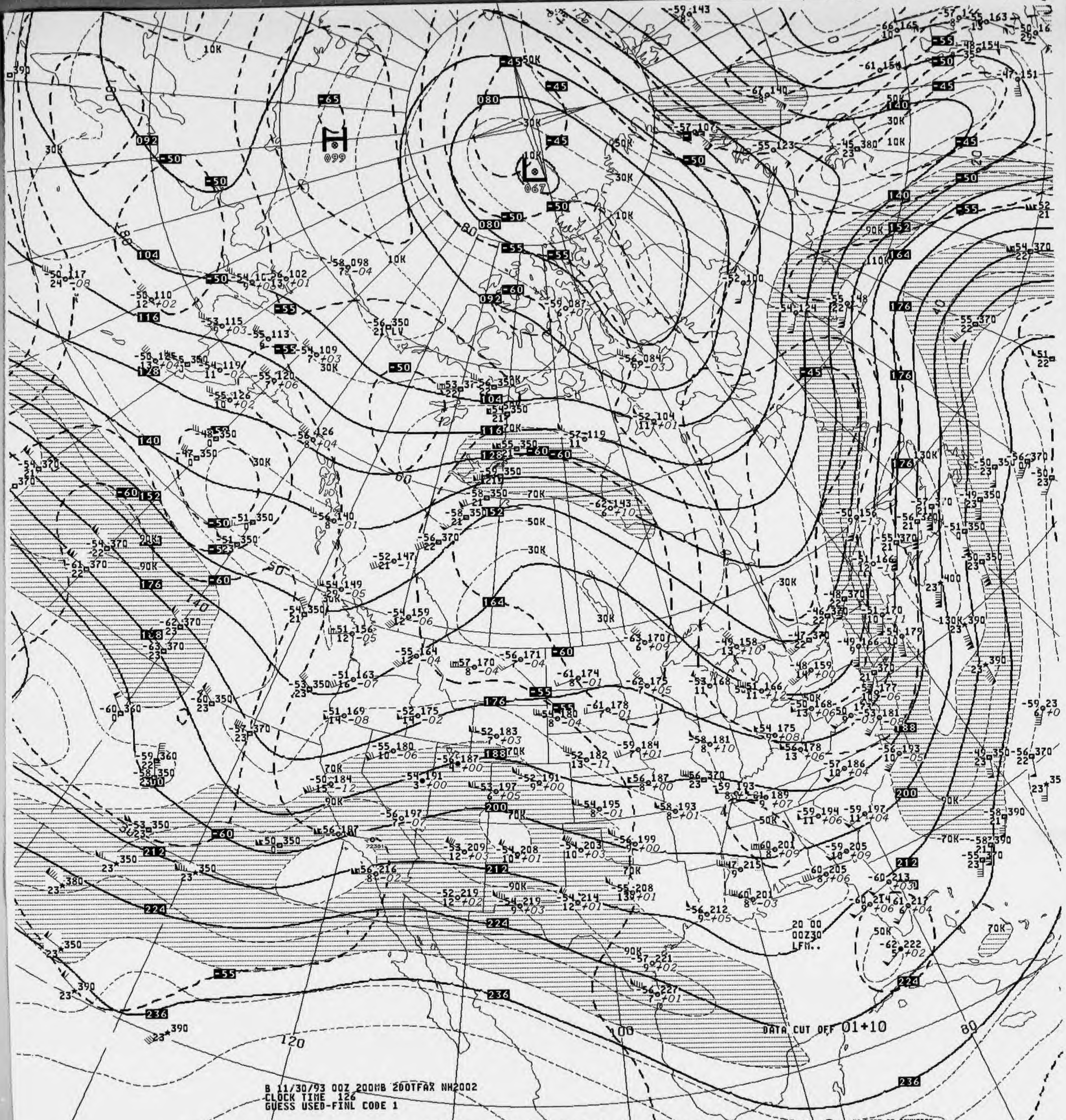

H
108
L
071
092
104
116
128
140
152
164
176
188
200
212
224
236
080
10K
30K
50K
70K
90K
110K
130K
150K
60
80
100
120
140
160
50
-45
-50
-55
-60
-65
20 00
12Z29
LFM.

B 11729/93 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1332
GUESS USED-FINL CODE 1

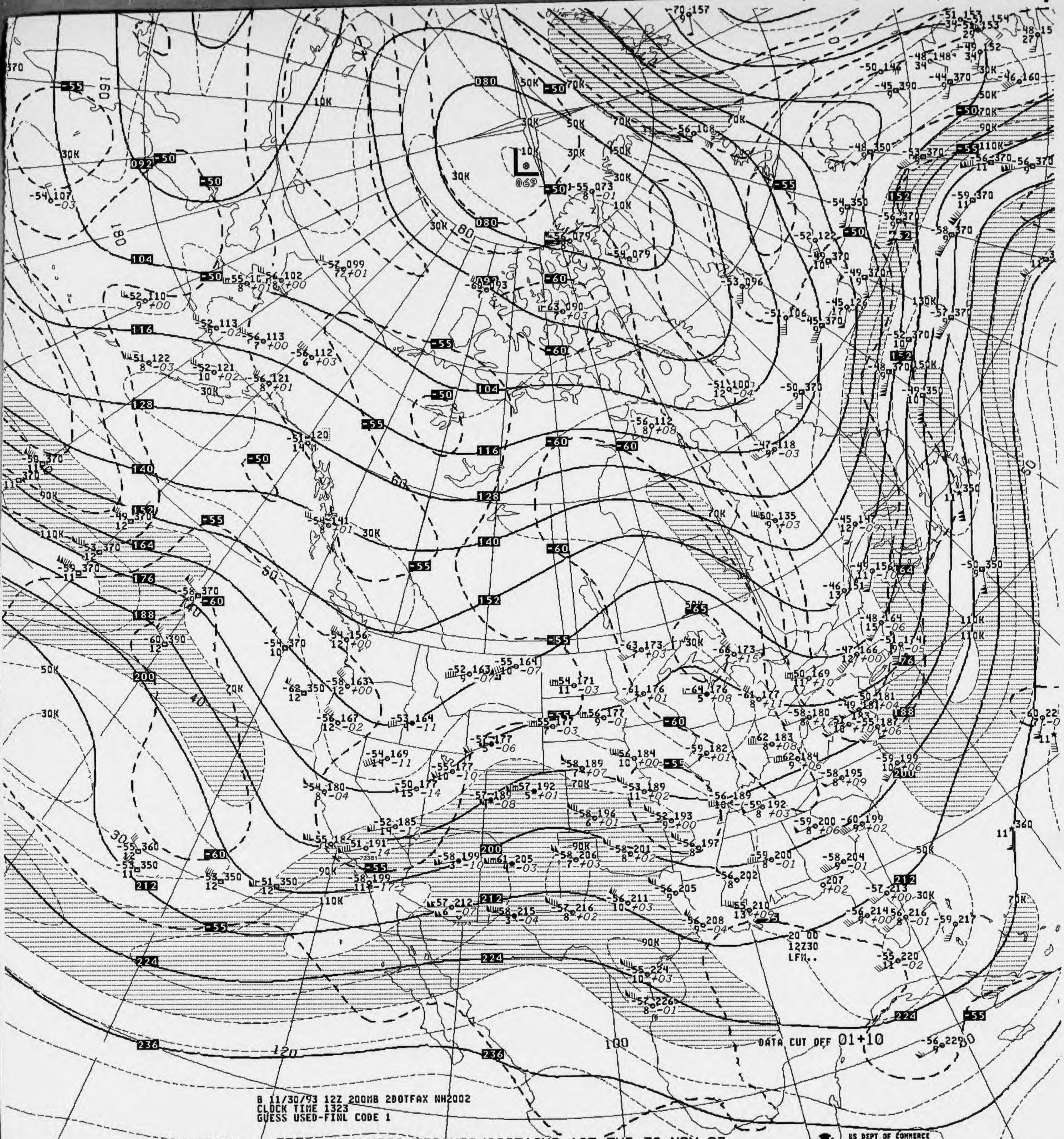
DATA CUT OFF 01+10

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 29 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/30/93 00Z 200MB 200TFAX NH2002
CLOCK TIME 126
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
20 00
00Z30
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 30 NOV 93


DATA CUT OFF 01+10
20 00
12Z30
LFM..

B 11/30/93 12Z 200MB 200TFAX NH2002
CLOCK TIME 1323
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 30 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

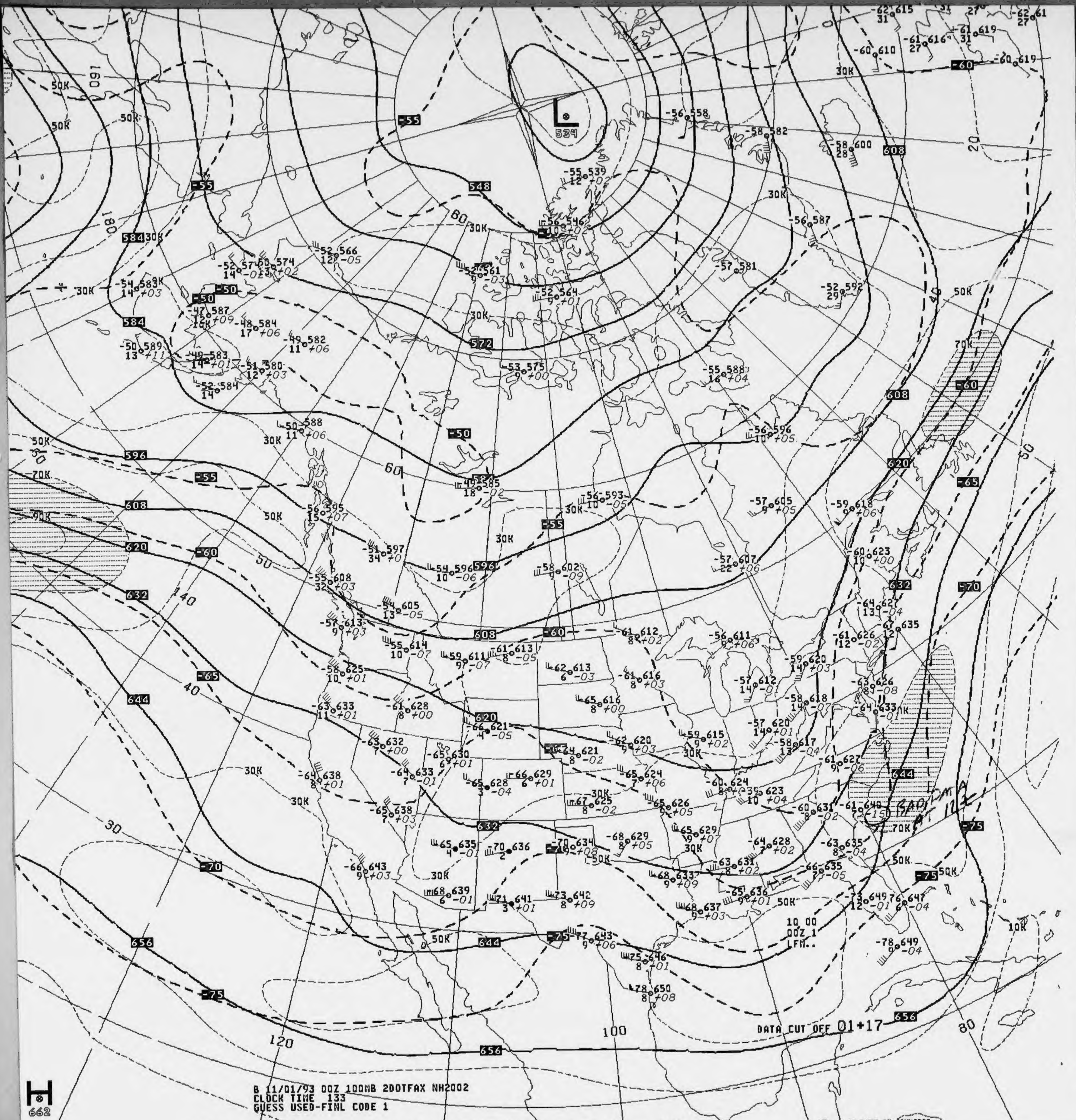
OAA Form 48-365A
Rev. 8- 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

100 MB CONSTANT PRESSURE CHARTS

NORTH AMERICAN NMC

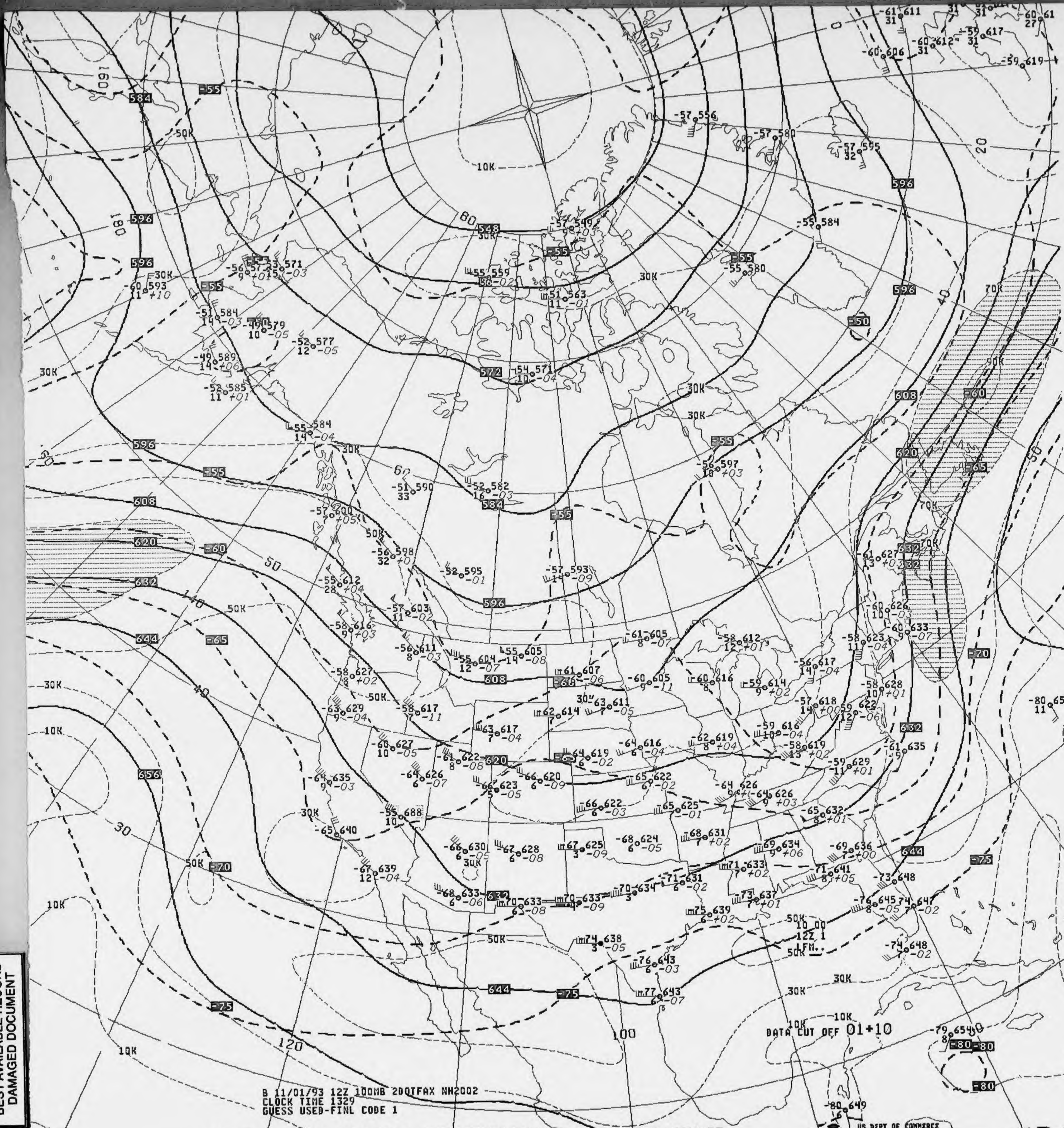
ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING


L
534
H
662
548
572
584
596
608
620
632
644
656
-50
-55
-60
-65
-70
-75
30K
50K
70K
90K
DATA CUT OFF 01+17
10 00
00Z 1
LFM..
BAD DATA AT 12Z
160
180
140
120
100
80
60
50
40
30
20

B 11/01/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 133
GUESS USED-FINL CODE 1

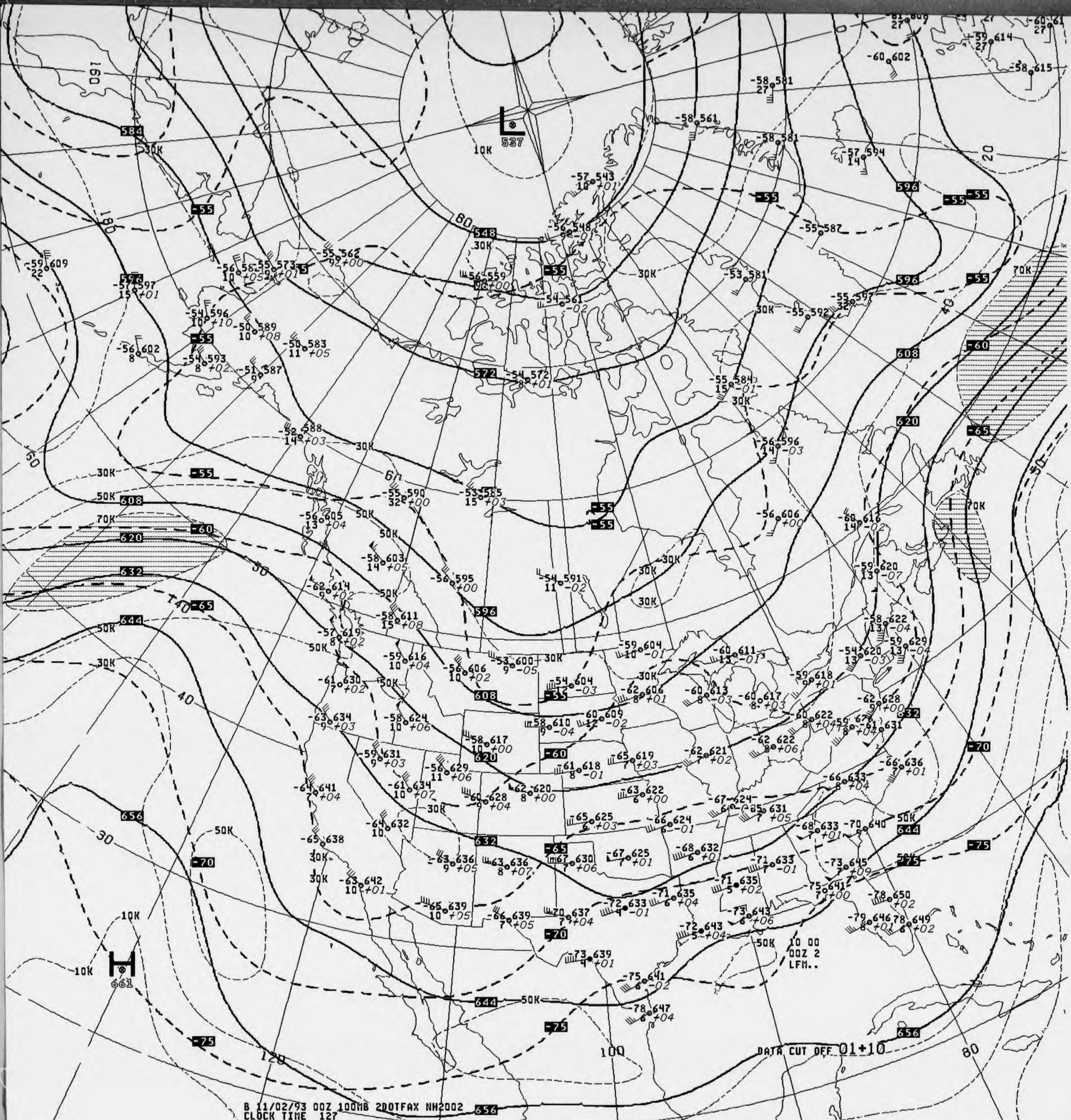
V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 1 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/01/93 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1329
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
10 00
12Z 1
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
548
572
584
596
608
620
632
644
656
-50
-55
-60
-65
-70
-75
-80
10K
30K
50K
70K
90K
180
160
140
120
100
0
20
40
50
60
30

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 1 NOV 93

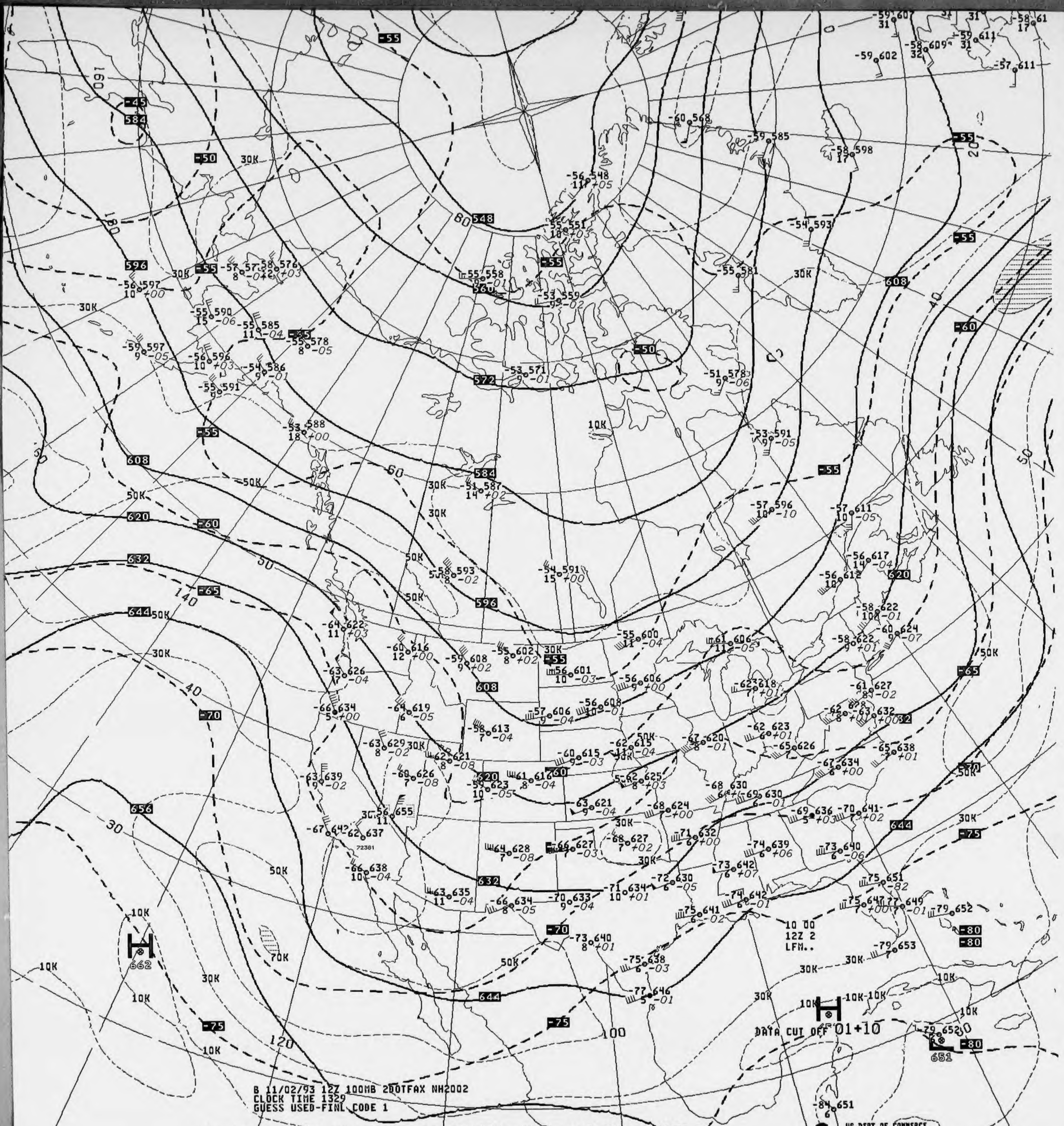
BEST AVAILABLE RECORD
DAMAGED DOCUMENT


L
537
H
661
584
548
572
596
608
620
632
644
656
-55
-60
-65
-70
-75
10K
30K
50K
70K
160
180
60
50
40
30
20
140
120
100
80
-59 609 22
-57 597 15 +01
-56 602 8
-54 596 10 +10
-54 593 8 +02
-56 56 10 +05
-55 573 92 +01
-55 562 92 +00
-50 589 10 +08
-50 583 11 +05
-51 587 9
-52 588 14 +03
-56 559 98 +00
-54 561 -02
-56 548 -01
-57 543 10 +01
-58 561
-58 581 27
-58 581
-57 594 14
-60 602
-59 614 27
-58 615
-60 61 27
-55 587
-53 581
-55 592
-55 597 32
-54 572 8 +01
-55 584 15 -01
-56 596 14 -03
-56 606 +00
-60 616 14 -02
-59 620 13 -07
-58 622 13 -04
-54 620 13 -03
-59 629 13 -04
-55 590 32 +00
-53 585 15 +03
-54 605 13 +04
-58 603 14 +05
-56 595 +00
-54 591 11 -02
-62 614 9 +02
-58 611 15 +08
-57 619 8 +02
-59 616 10 +04
-56 606 10 +02
-53 600 9 -05
-54 604 -03
-59 604 10 -01
-60 611 13 -01
-61 630 7 +02
-63 634 9 +03
-58 624 10 +06
-58 617 10 +00
-58 610 9 -04
-60 609 12 -02
-62 606 8 +01
-60 613 8 -03
-60 617 8 +03
-59 618 +01
-62 628 9 +00
-60 622 +04
-59 631
-59 631 9 +03
-56 629 11 +06
-61 618 8 -01
-65 619 7 +03
-62 621 7 +02
-62 622 8 +06
-66 636 7 +01
-64 641 7 +04
-61 634 10 +07
-60 628 9 +04
-62 620 8 +00
-63 622 6 +00
-67 624 6
-65 631 7 +05
-66 633 +04
-64 632 10
-65 638
-65 625 6 +03
-66 624 -01
-68 633 7 +01
-70 640
-63 636 9 +05
-63 636 8 +07
-67 630 7 +06
-67 625 7 +01
-68 632 6 +01
-71 633 7 -01
-73 645 +09
-63 642 10 +01
-65 639 10 +05
-66 639 7 +05
-70 637 7 +04
-72 633 4 -01
-71 635 6 +04
-71 635 5 +02
-75 641 7 +00
-78 650 +02
-73 643 6 +06
-72 643 5 +04
-79 646 8 +01
-78 649 6 +02
-73 639 4 +01
-75 641 6 -02
-78 647 6 +04
10 00
00Z 2
LFM..
DATA CUT OFF 01+10

B 11/02/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 2 NOV 93

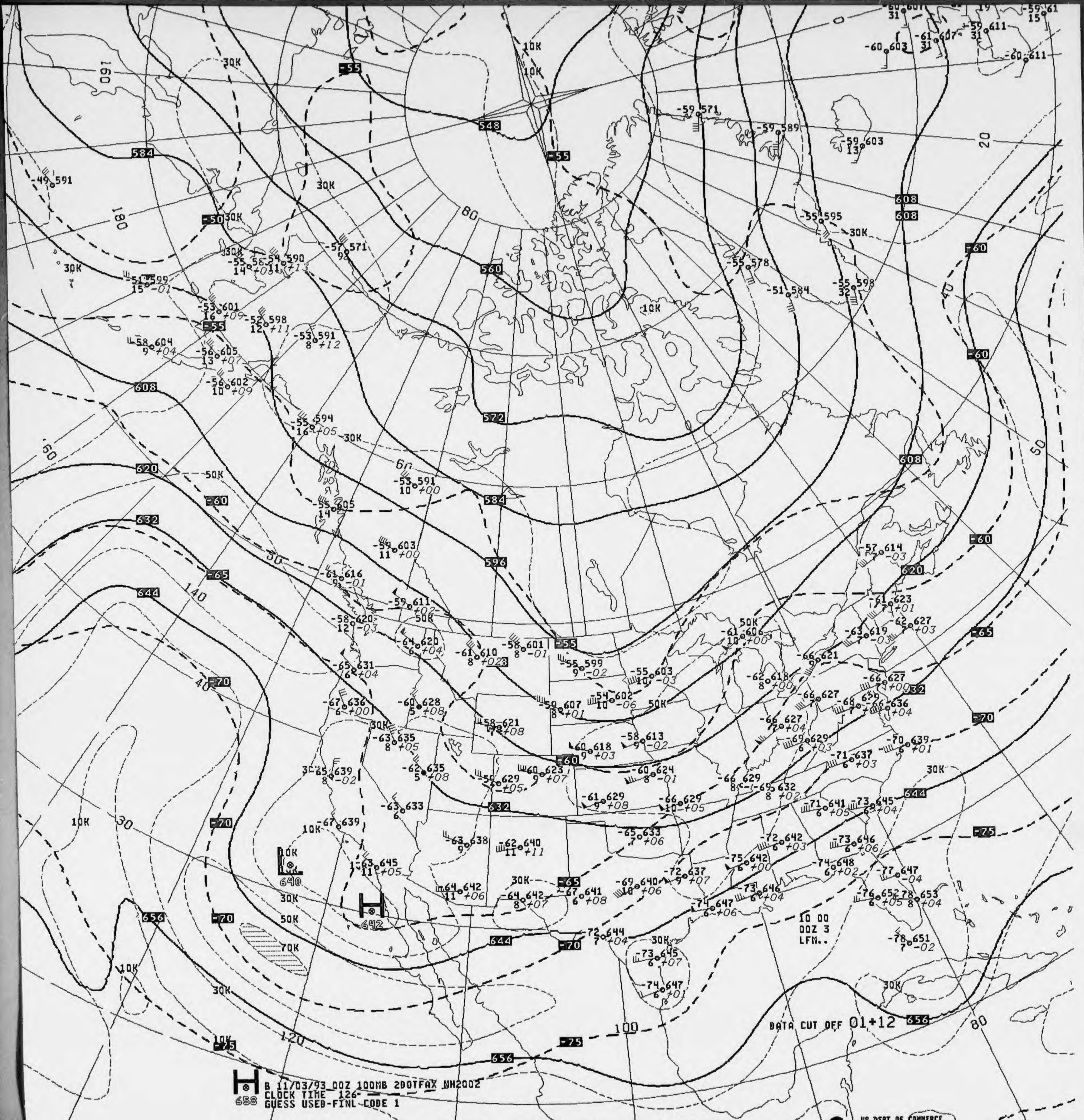
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


548
560
572
584
596
608
620
632
644
656
-45
-50
-55
-60
-65
-70
-75
-80
30K
50K
10K
70K
160
140
120
100
80
60
50
40
30
20
H
662
651
10 00
12Z 2
LFM..
DATA CUT OFF 01+10

B 11/02/93 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1329
GUESS USED-FINL CODE 1

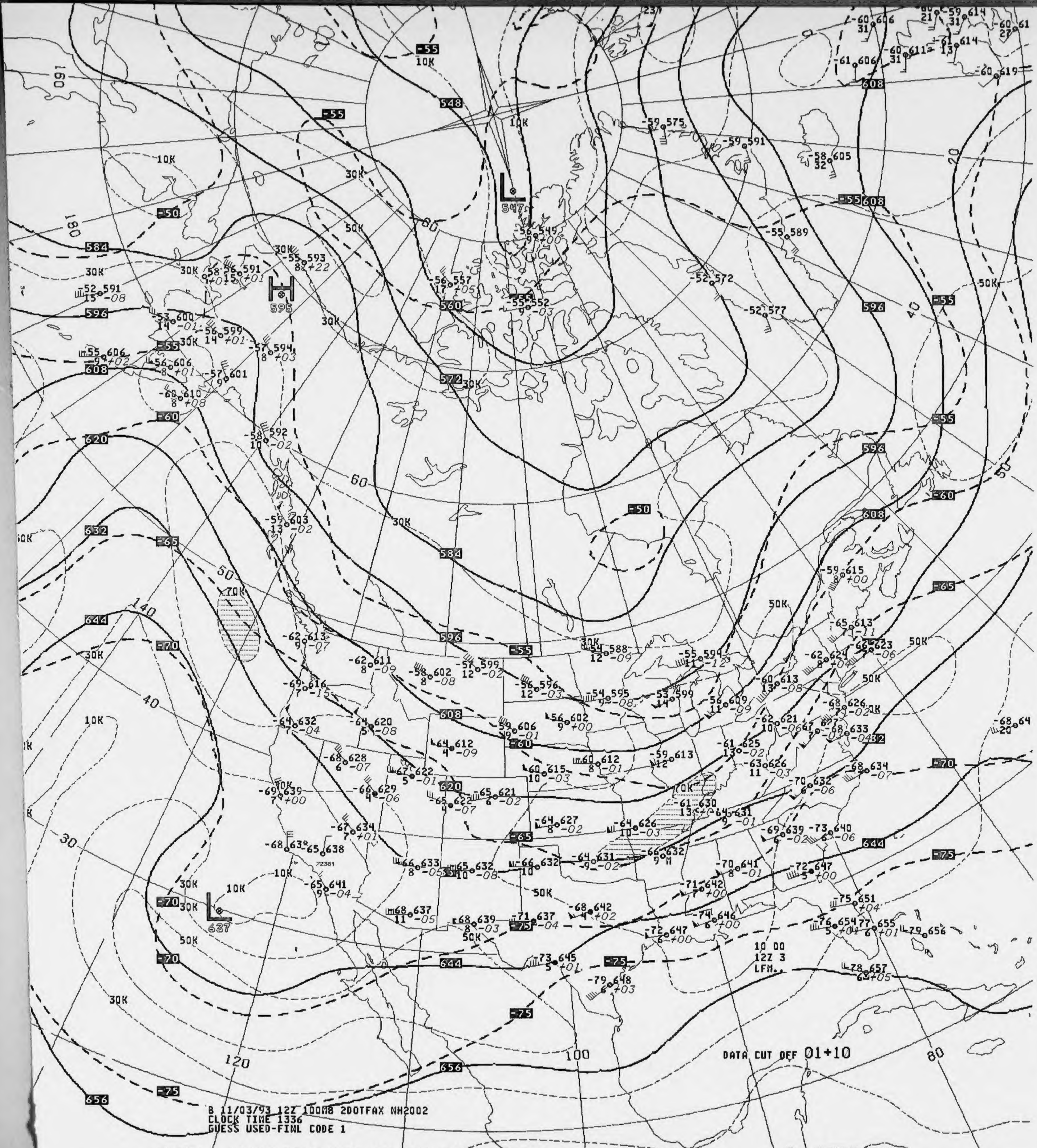
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 2 NOV 93


B 11/03/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 126
GUESS USED-FINL CODE 1
DATA CUT OFF 01+12
10 00
00Z 3
LFM..
H
658
H
642
L
640
548
560
572
584
596
608
620
632
644
656
-50
-55
-60
-65
-70
-75
10K
30K
50K
70K
160
180
140
120
100
80
60
50
40
30
20
0

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 3 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



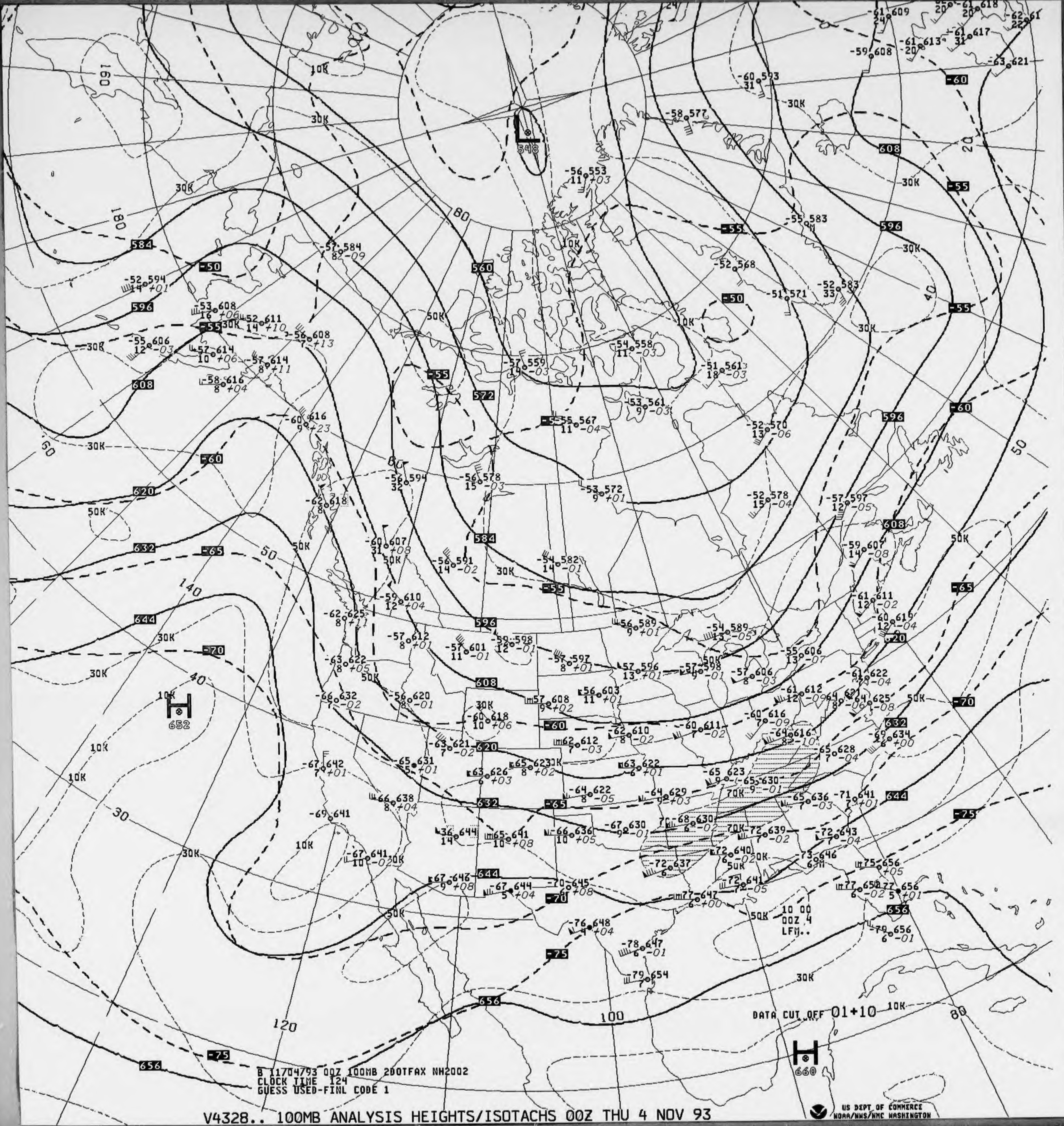
H
595
L
547
L
637
10 00
12Z 3
LFM..

DATA CUT OFF 01+10

B 11/03/93 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1336
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 3 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

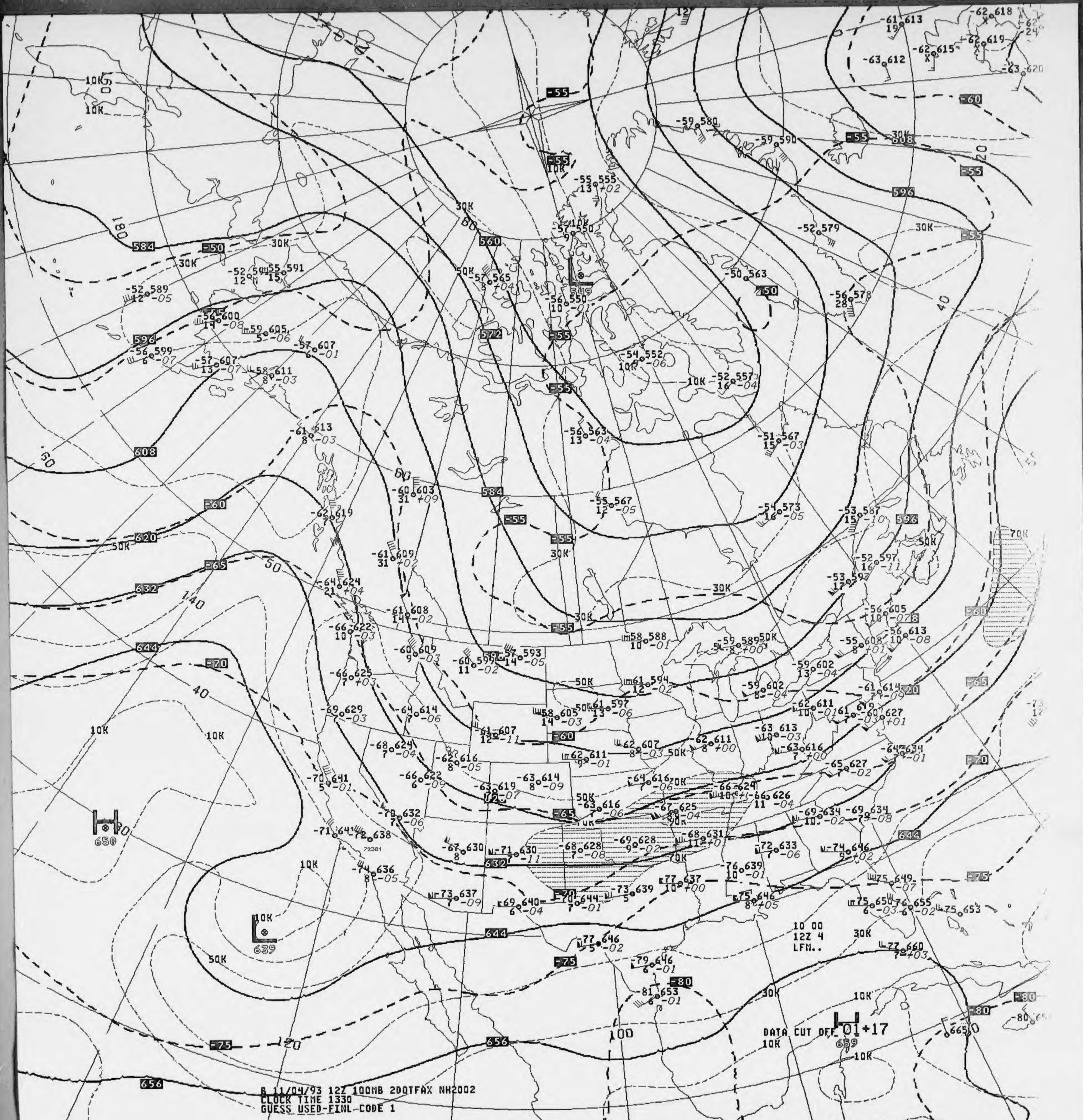


548
560
572
584
596
608
620
632
644
656
-50
-55
-60
-65
-70
-75
H
652
H
660
30K
50K
10K
70K
DATA CUT OFF 01+10
10 00
00Z 4
LFM..

B 11704793 00Z 100MB 200TFAX NH2002
CLOCK TIME 124
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 4 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


-55
-55
10K
-55 555
13 +02
-57 550
9
L
549
-56 550
10 -01
-59 580
-59 590
-60
-55
608
30K
-55
596
-52 579
30K
-55
-50 563
-50
-56 578
28
584
-50
30K
-52 589
12 -05
-52 591
12
-55 591
15
560
30K
50K
-57 565
8 +04
60
180
596
-56 600
14 -08
-59 605
5 -06
-57 607
6 -01
572
-55
-56 599
6 -07
-57 607
13 -07
-58 611
8 -03
-54 552
10K -06
10K
-52 557
16 -04
-55
-56 563
13 -04
-51 567
15 -03
-61 613
8 -03
608
60
60
-60 603
31 +09
584
-55 567
17 -05
-54 573
16 -05
-53 587
15 -10
596
-60
-62 619
7 -02
-55
-55
30K
50K
620
50K
-61 609
31 +02
-52 597
16 -11
-53 597
17
30K
70K
-65
50
632
140
-64 624
21 +04
-61 608
14 -02
30K
-55
-56 605
10 -07
-56 613
10 -08
-60
-66 622
10 -03
-58 588
10 -01
-59 589
8 +00
50K
-55 608
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644
-70
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-60 599
11 -02
-59
-57 593
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-59 602
13 -04
40
-66 625
7 +03
50K
-61 594
12 -02
-59 602
8 -04
-61 614
7 -09
-65
620
10K
10K
-69 629
7 -03
-64 614
7 -06
-58 605
14 -03
50K
-61 597
13 -06
-62 611
10 -01
-61 619
7
-60 627
-03 +01
-61 607
12 -11
-60
-63 613
10 -03
-62 611
8 +00
-62 607
8 -03
-62 611
9 -01
50K
-63 616
7 +00
-64 634
7 -01
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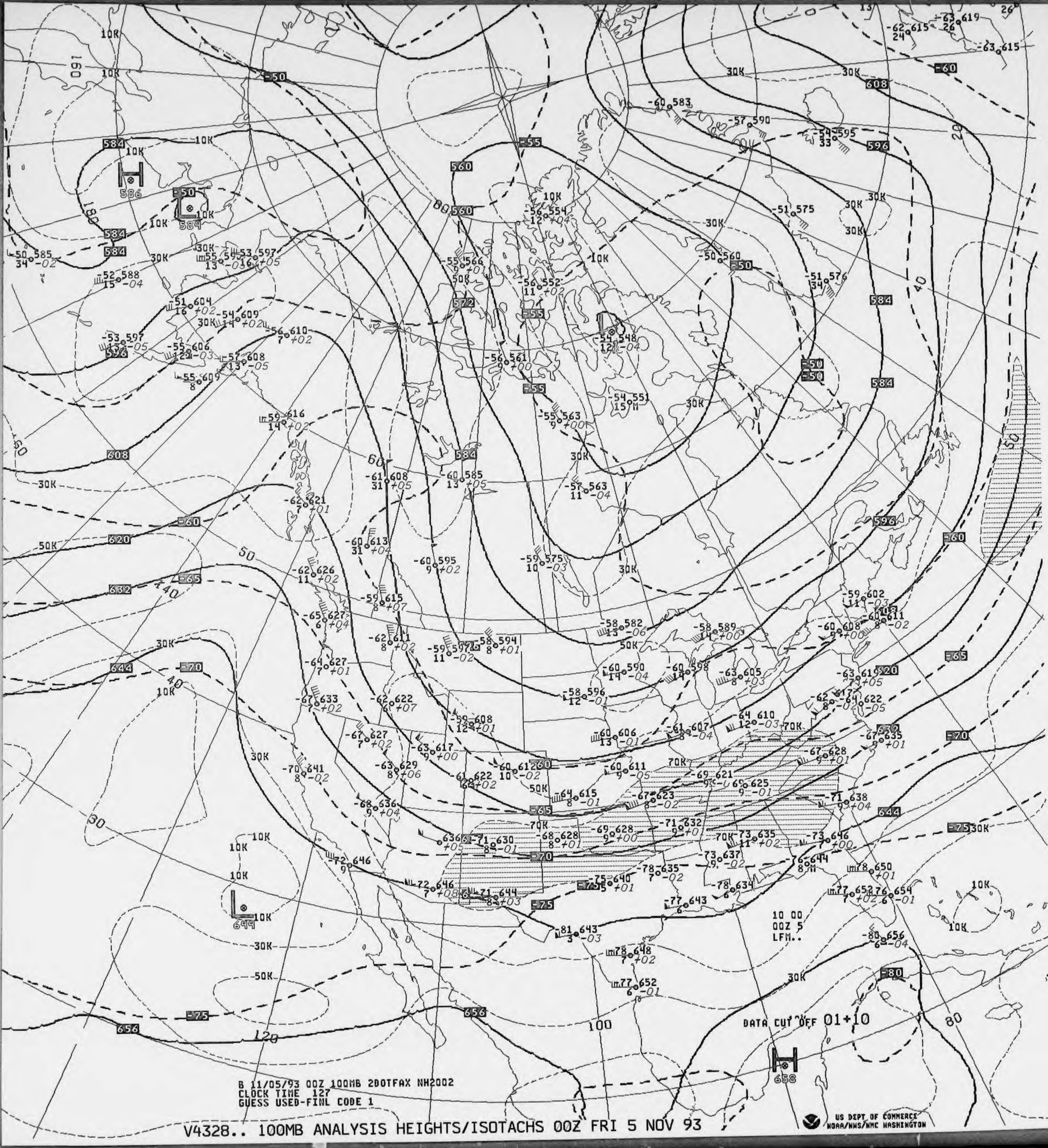
-62 616
8 -05
-70
-65 627
7 -02
-66 622
6 -09
-63 614
8 -09
-64 616
7 -06
70K
-66 629
10 +10
-66 626
11 -04
-70 641
5 -01
-63 619
12 -07
50K
-63 616
7 -06
-67 625
8 -04
70K
-69 634
10 -02
-69 634
7 -08
H
650
-70 632
7 -06
-65
-68 631
11 +01
644
-71 641
-72 638
72381
-67 630
8
-71 630
7 -11
-68 628
7 -08
-69 628
9 -02
-72 633
7 -06
-74 646
9 +02
10K
632
70K
-76 639
10 -01
-74 636
8 -05
-73 637
7 -09
-69 640
6 -04
-70
-70 644
7 -01
-73 639
5
-77 637
10 +00
-75 646
8 +05
-75 649
7 -07
-75
10K
L
639
-75 650
6 -03
-76 655
6 -02
-75 653
644
10 00
12Z 4
LFM..
30K
-77 646
5 -02
-77 660
7 +03
50K
-75
-79 646
6 -01
-80
-81 653
6 -01
30K
10K
-80
-80
-80
100
DATA CUT OFF 01+17
H
659
10K
10K
-665
-75
120
656
656

B 11/04/93 12Z 100MB 200TFAX NH2002
CLOCK TIME 1330
GUESS USED-FINL CODE 1

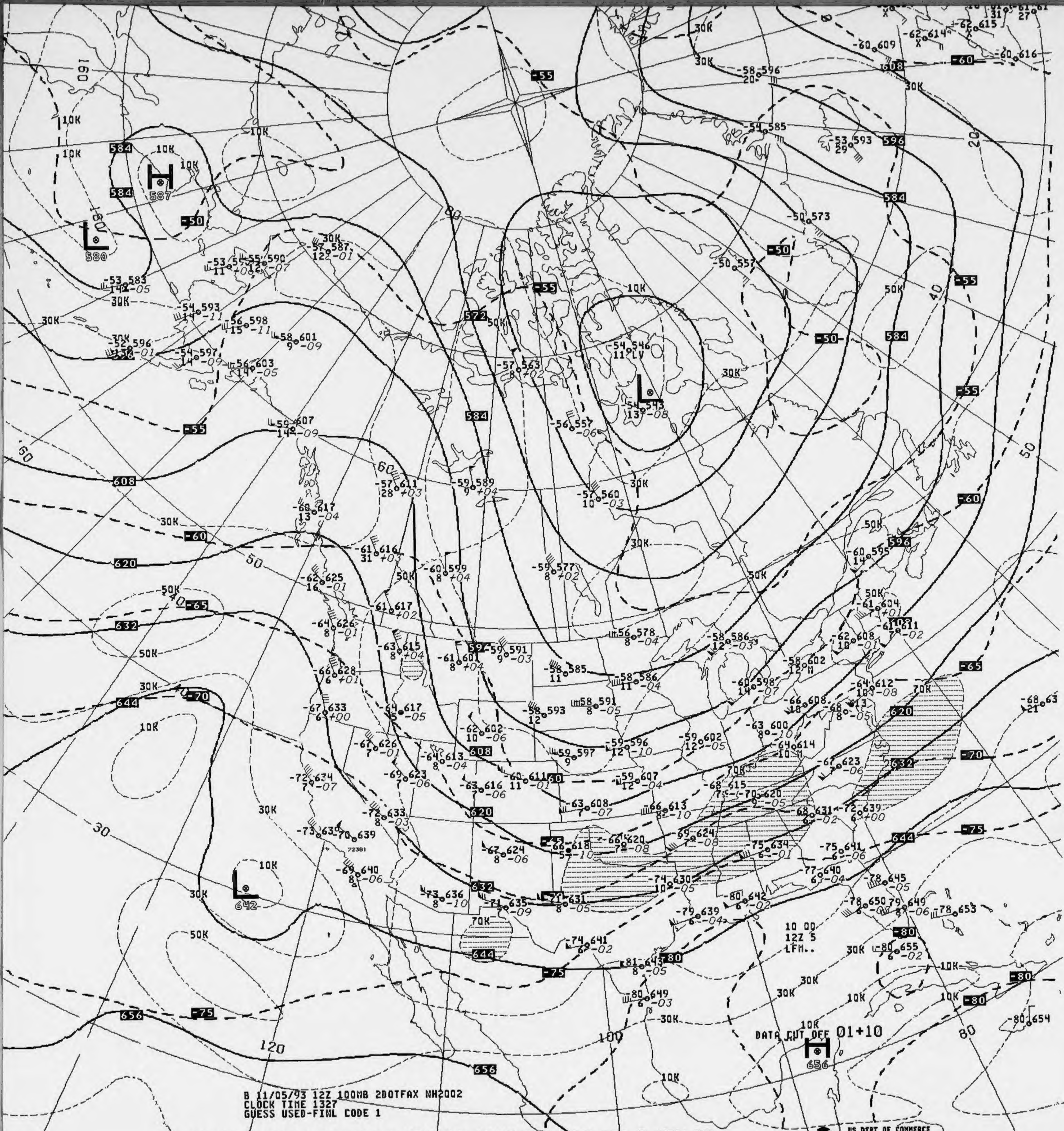
V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 4 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

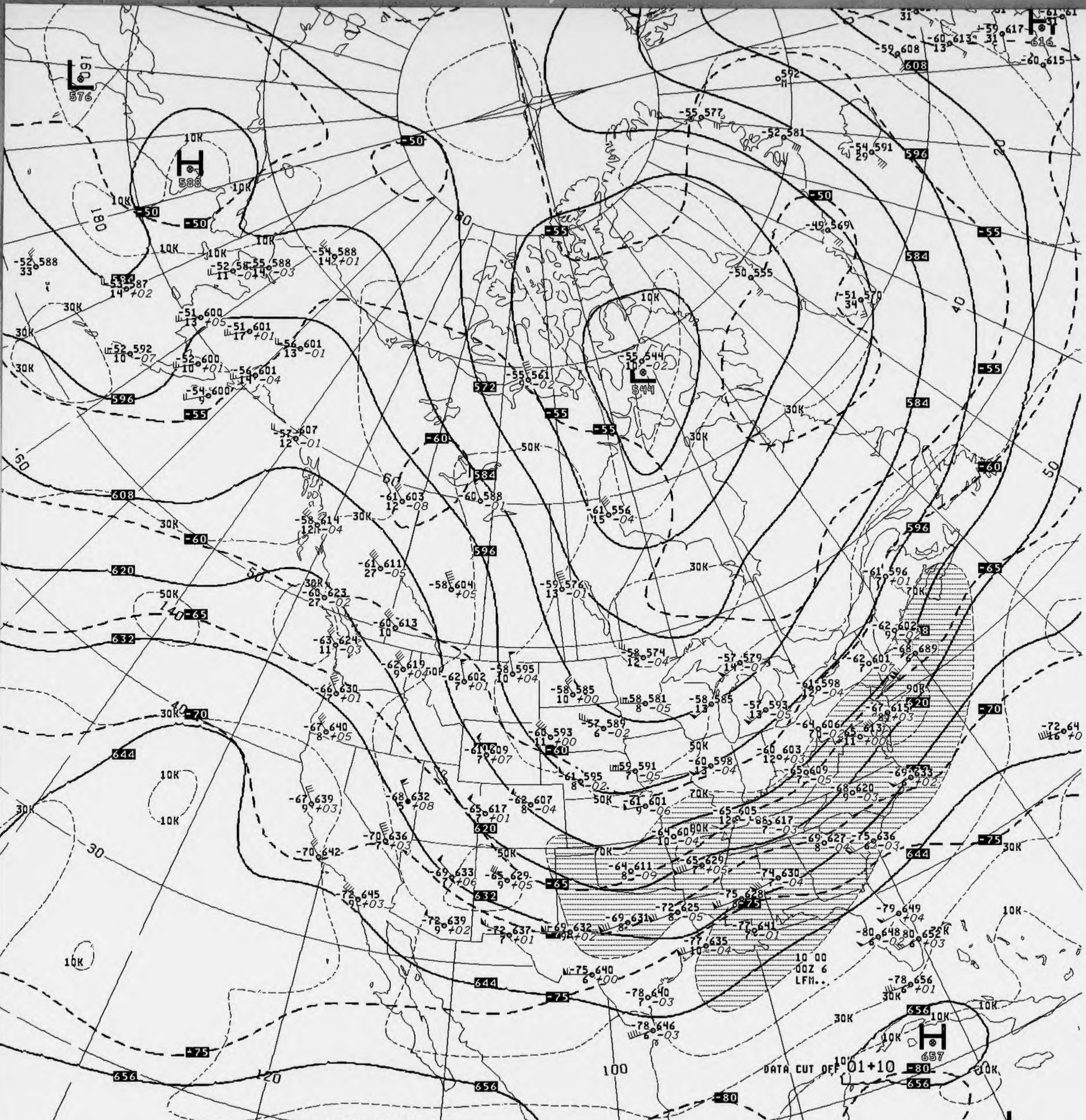

DATA CUT OFF 01+10
10 00
00Z 5
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 11/05/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 5 NOV 93


B 11/05/93 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1327
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
10 00
12Z 5
LFM..
H
587
L
580
L
543
L
642
H
656
584
572
596
608
620
632
644
656
-50
-55
-60
-65
-70
-75
-80
10K
30K
50K
70K
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 5 NOV 93


DATA CUT OFF 01+10
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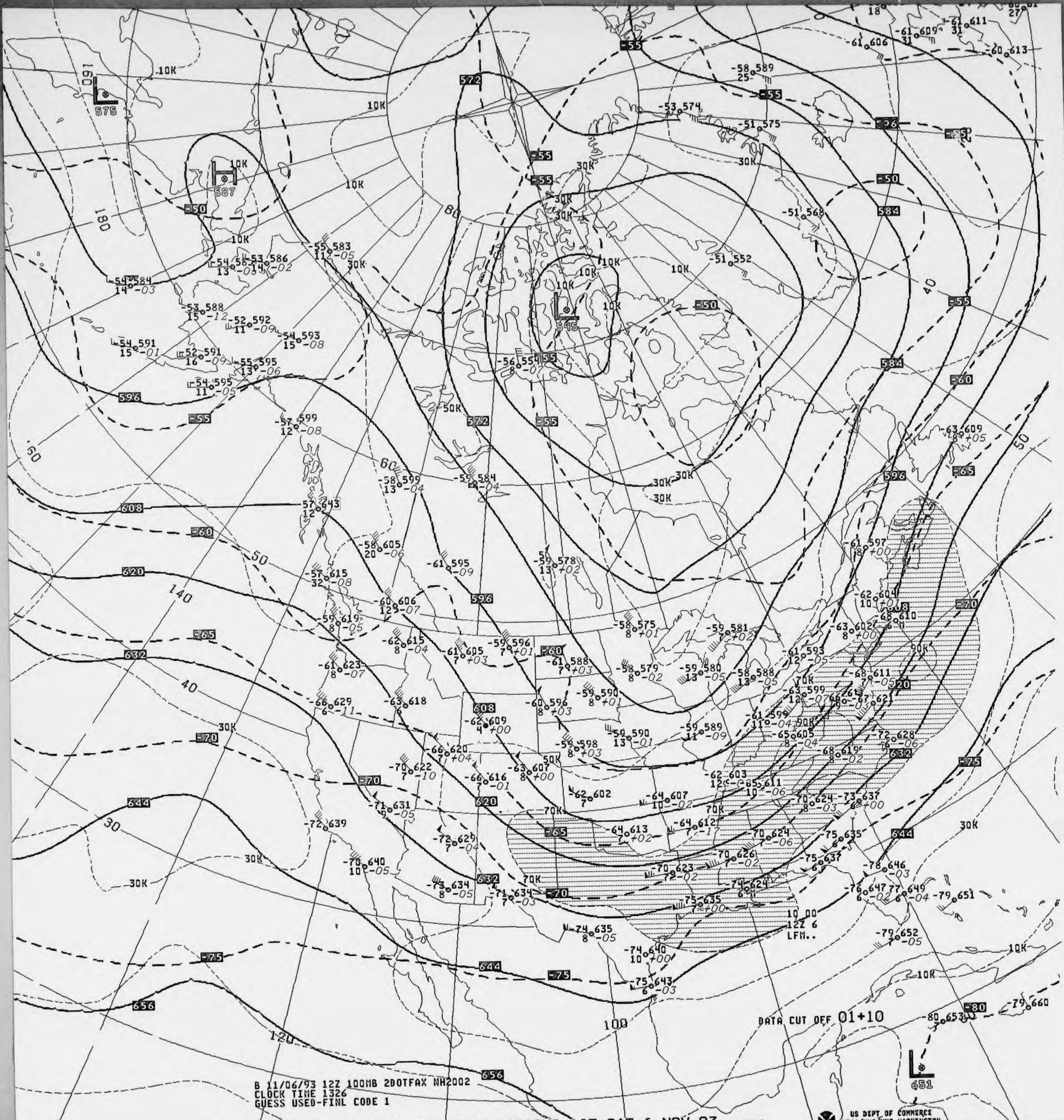
00Z 6
LFM..

B 11/06/93 00Z 100MB 200TFAX NH2002
CLOCK TIME 131
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 6 NOV 93

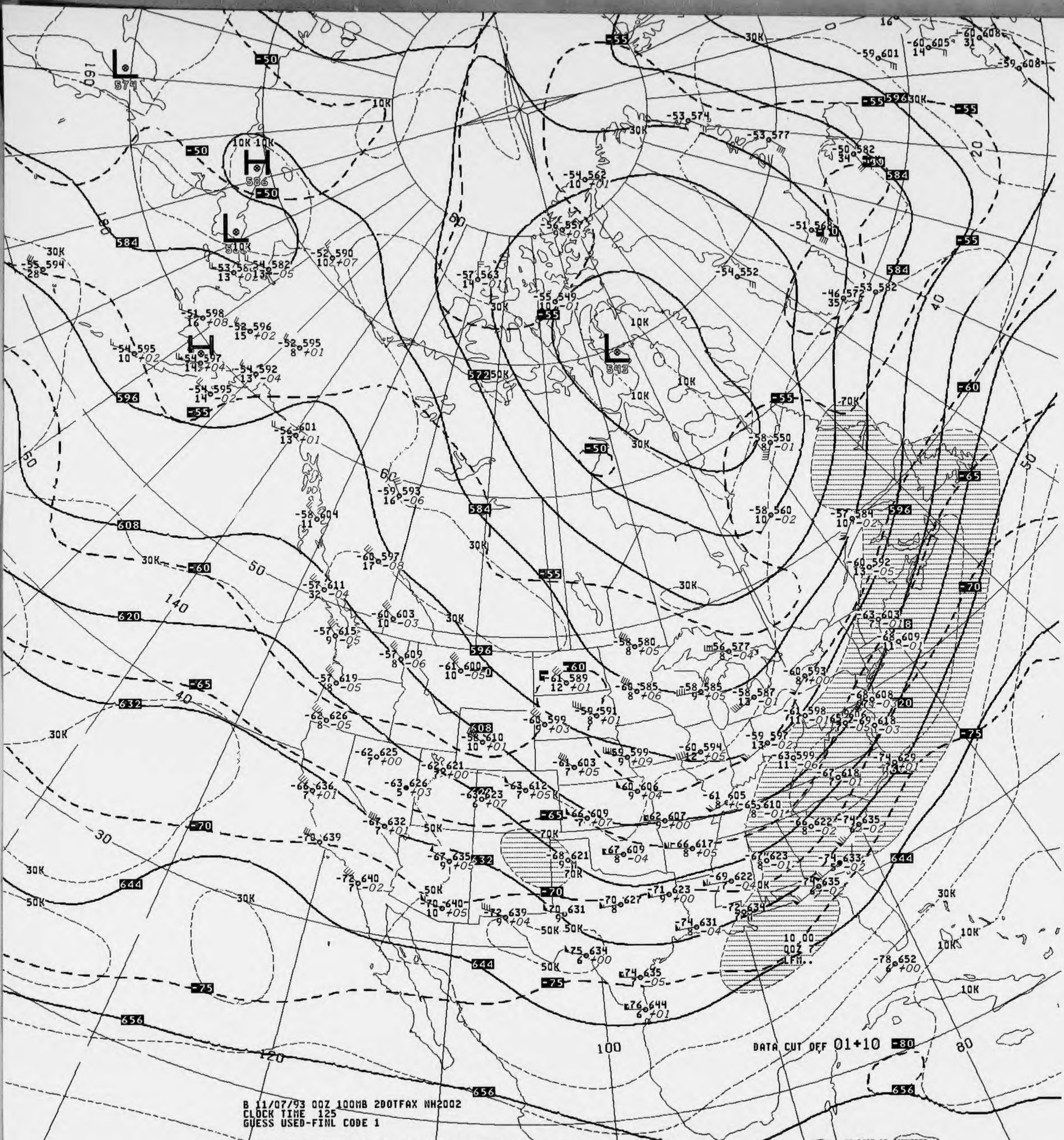
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+10
10 00
12Z 6
LFM..
H
587
L
545
L
575
L
651
572
584
596
608
620
632
644
656
-50
-55
-60
-65
-70
-75
-80
10K
30K
50K
70K
90K
180
160
140
120
100
80
60
50
40
30

B 11/06/93 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1326
GUESS USED-FINL CODE 1

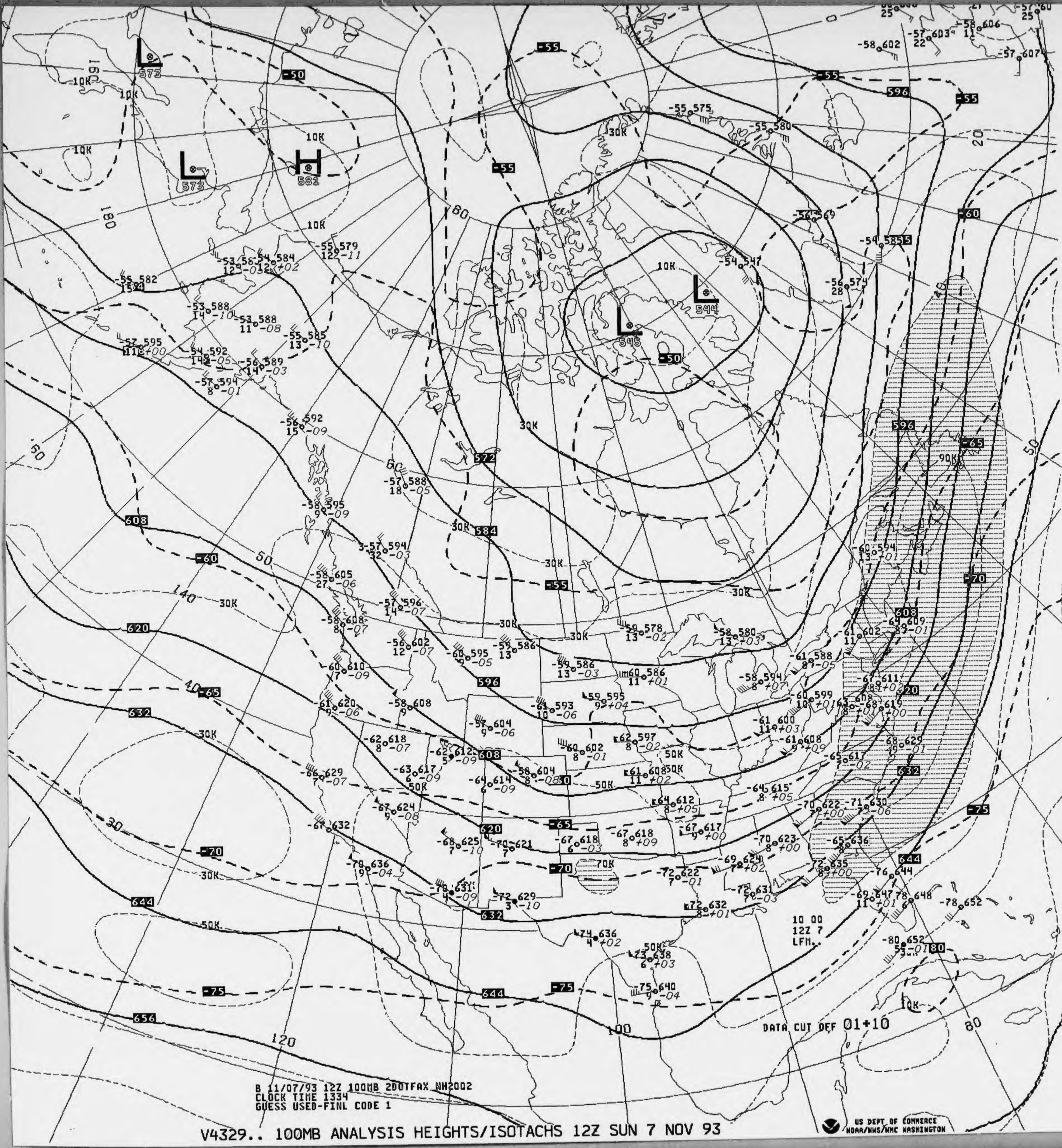
V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 6 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/07/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 125
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
10 00
00Z 7
LFM..
L 574
H 586
L 510
H
L 543
584
596
608
620
632
644
656
572
-50
-55
-60
-65
-70
-75
-80
10K
30K
50K
70K
160
140
120
100
80
60
50
40
30
20

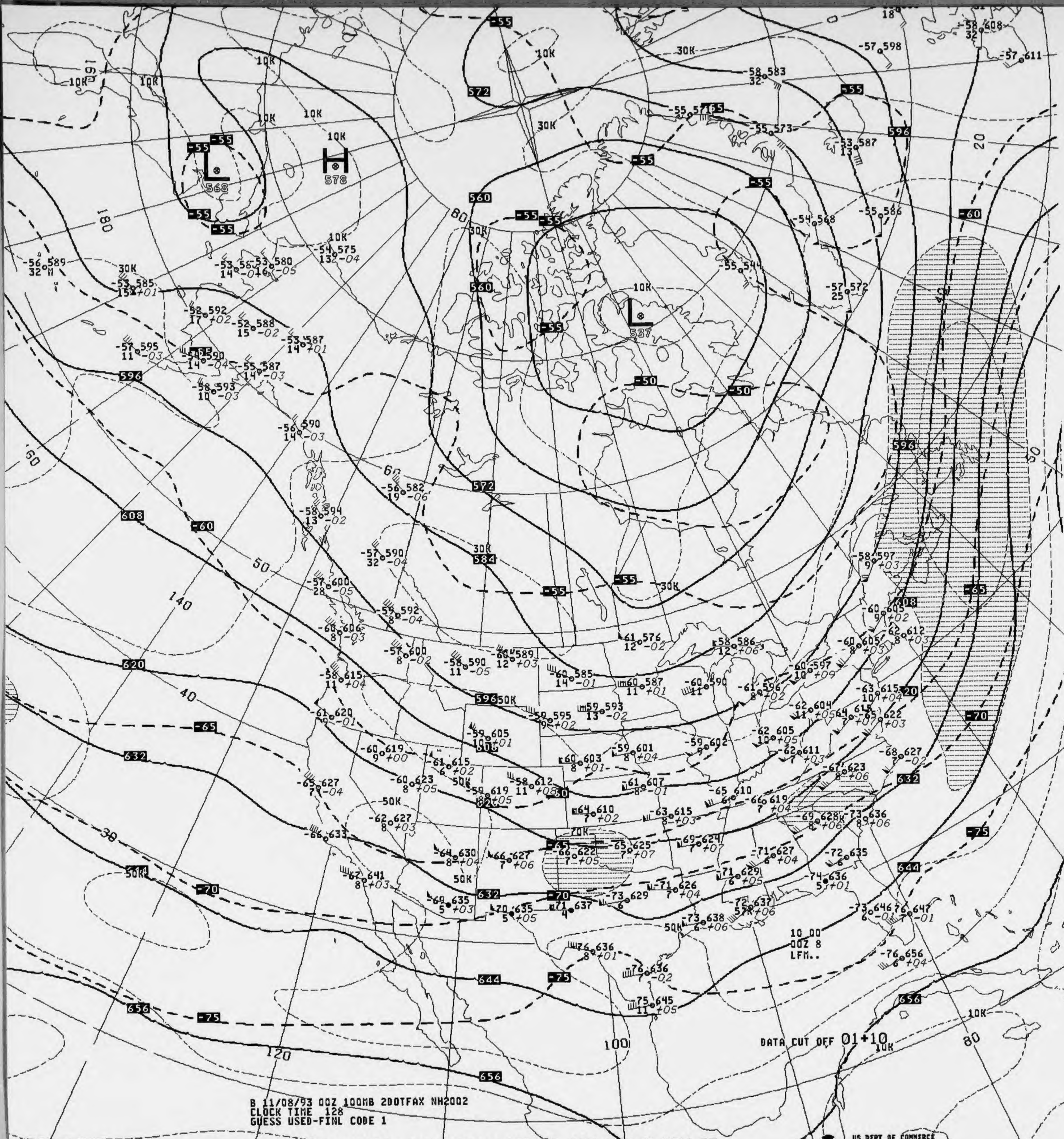
V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 7 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 573
L 573
H 581
L 546
L 544
-50
-55
-60
-65
-70
-75
-80
572
584
596
608
620
632
644
656
10K
30K
50K
70K
90K
180
160
140
120
100
80
60
50
40
30
20
10 00
12Z 7
LFM
DATA CUT OFF 01+10
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 11/07/93 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1334
GUESS USED-FINL CODE 1

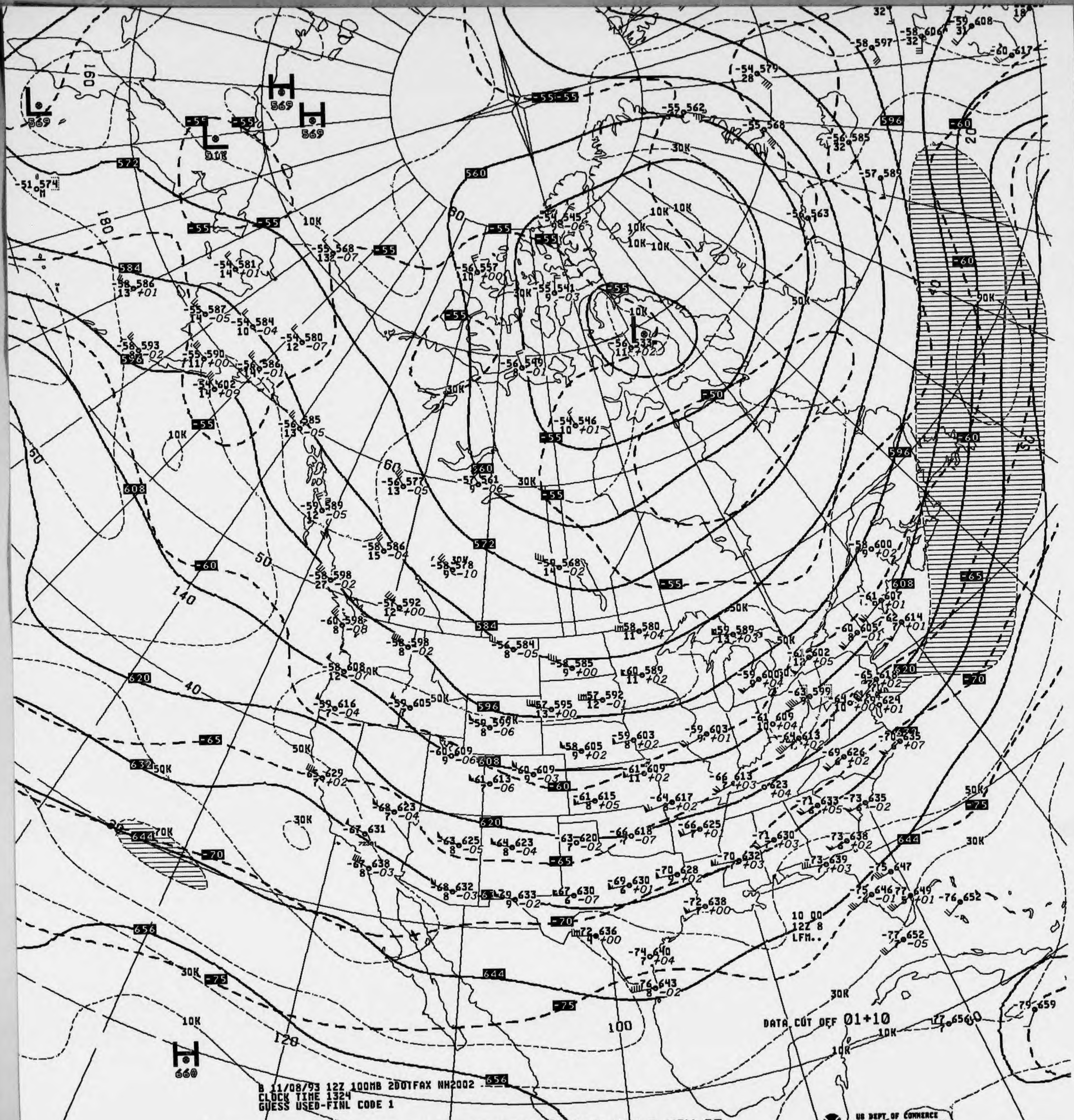
V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 7 NOV 93



L
568
H
578
L
537
560
572
584
596
608
620
632
644
656
-50
-55
-60
-65
-70
-75
10K
30K
50K
180
160
140
120
100
80
60
50
40
30
20
DATA CUT OFF 01+10
10 00
00Z 8
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 11/08/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 128
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 8 NOV 93

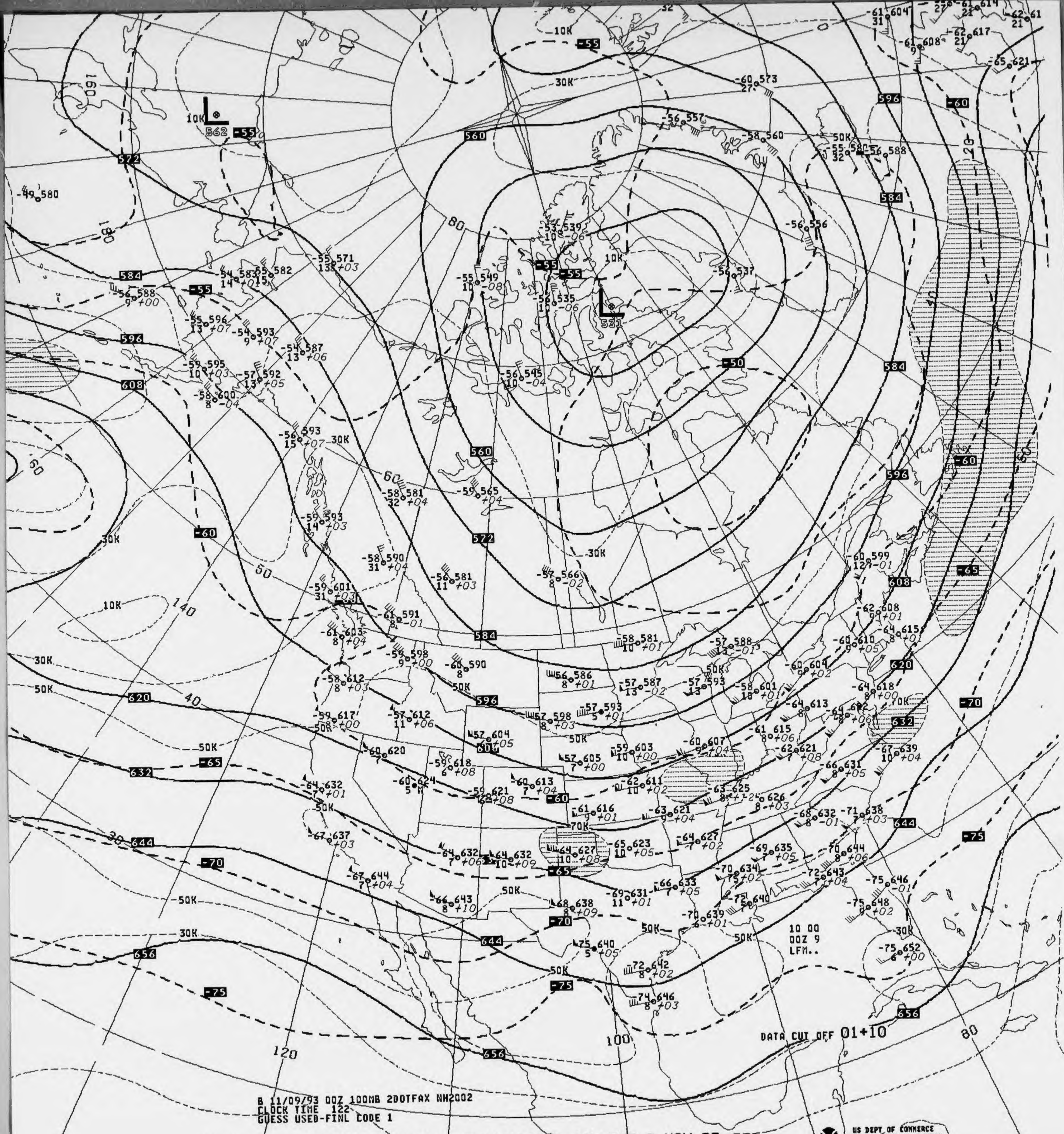


DATA CUT OFF 01+10
10 00
12Z 8
LFM..
H
660
H
569
H
569
L
569
L
518
L
533
560
572
584
596
608
620
632
644
656
-55
-60
-65
-70
-75
10K
30K
50K
90K
40
50
60
100
120
140
160
180

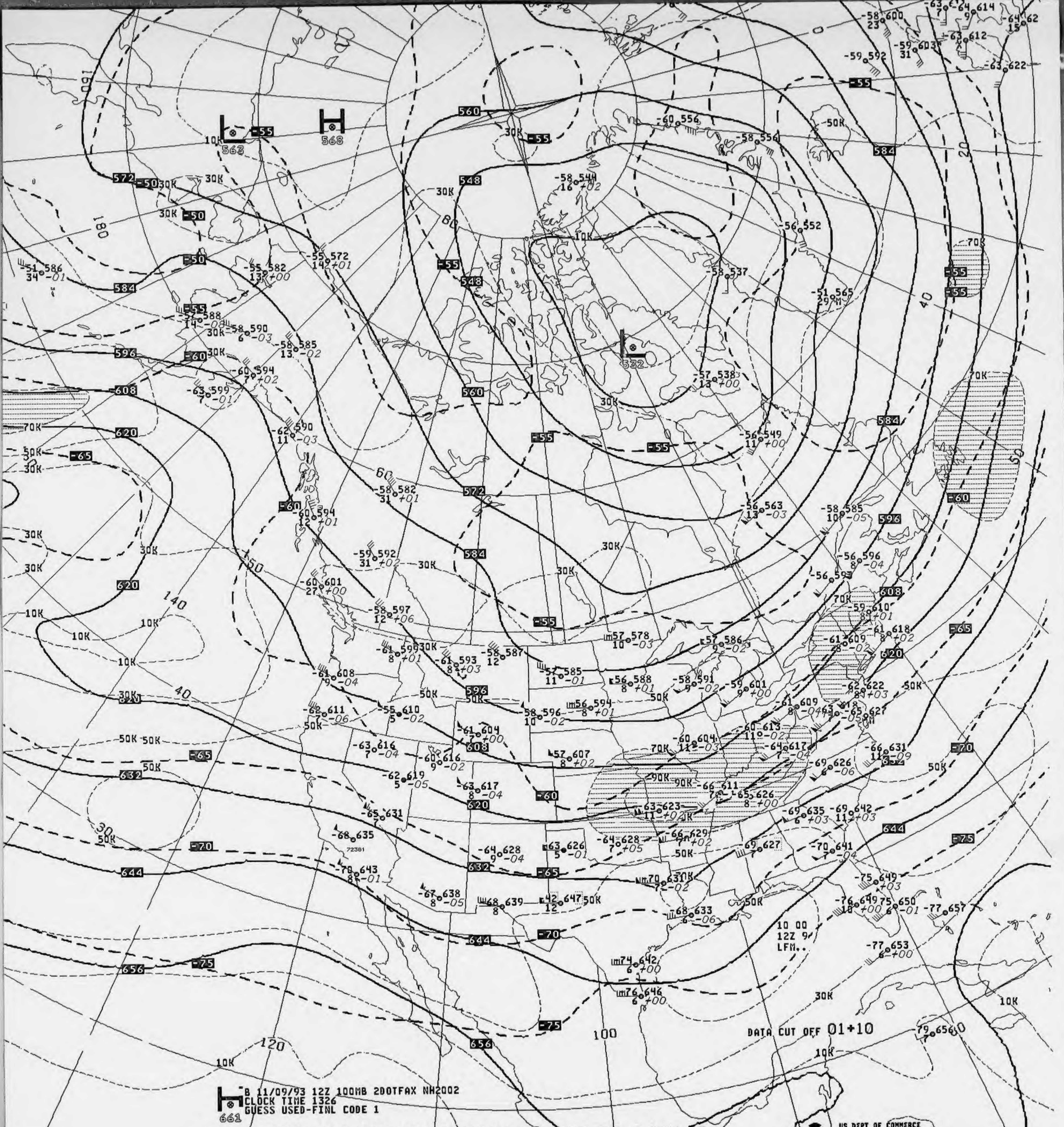
B 11/08/93 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1324
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 8 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/09/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 122
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
10 00
00Z 9
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

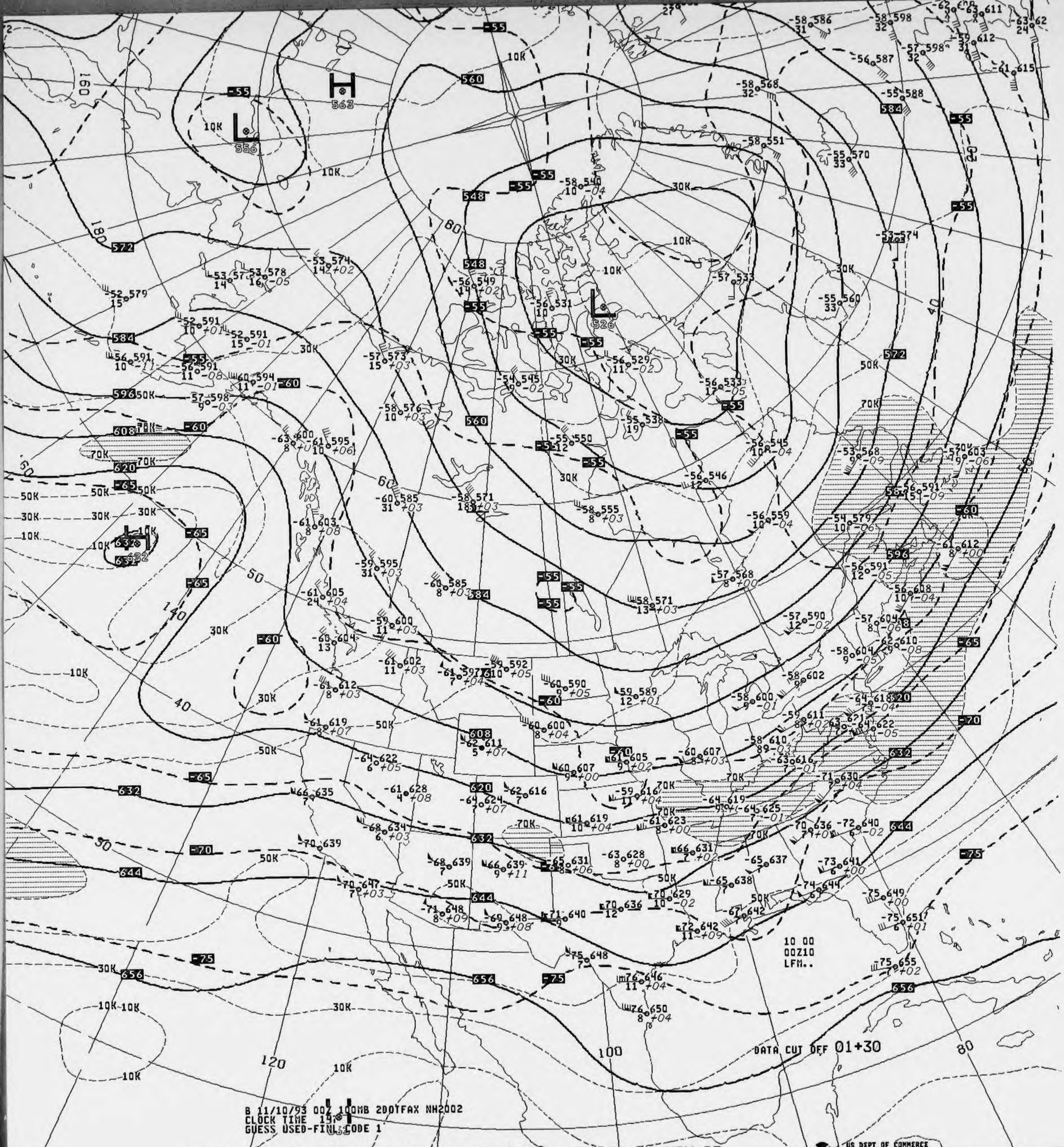
V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 9 NOV 93


560
548
572
584
596
608
620
632
644
656
-55
-50
-60
-65
-70
-75
30K
50K
70K
90K
10K
H
568
563
532
661
DATA CUT OFF 01+10
10 00
12Z 9
LFM..
160
180
140
120
100
80
60
40
20
50
30

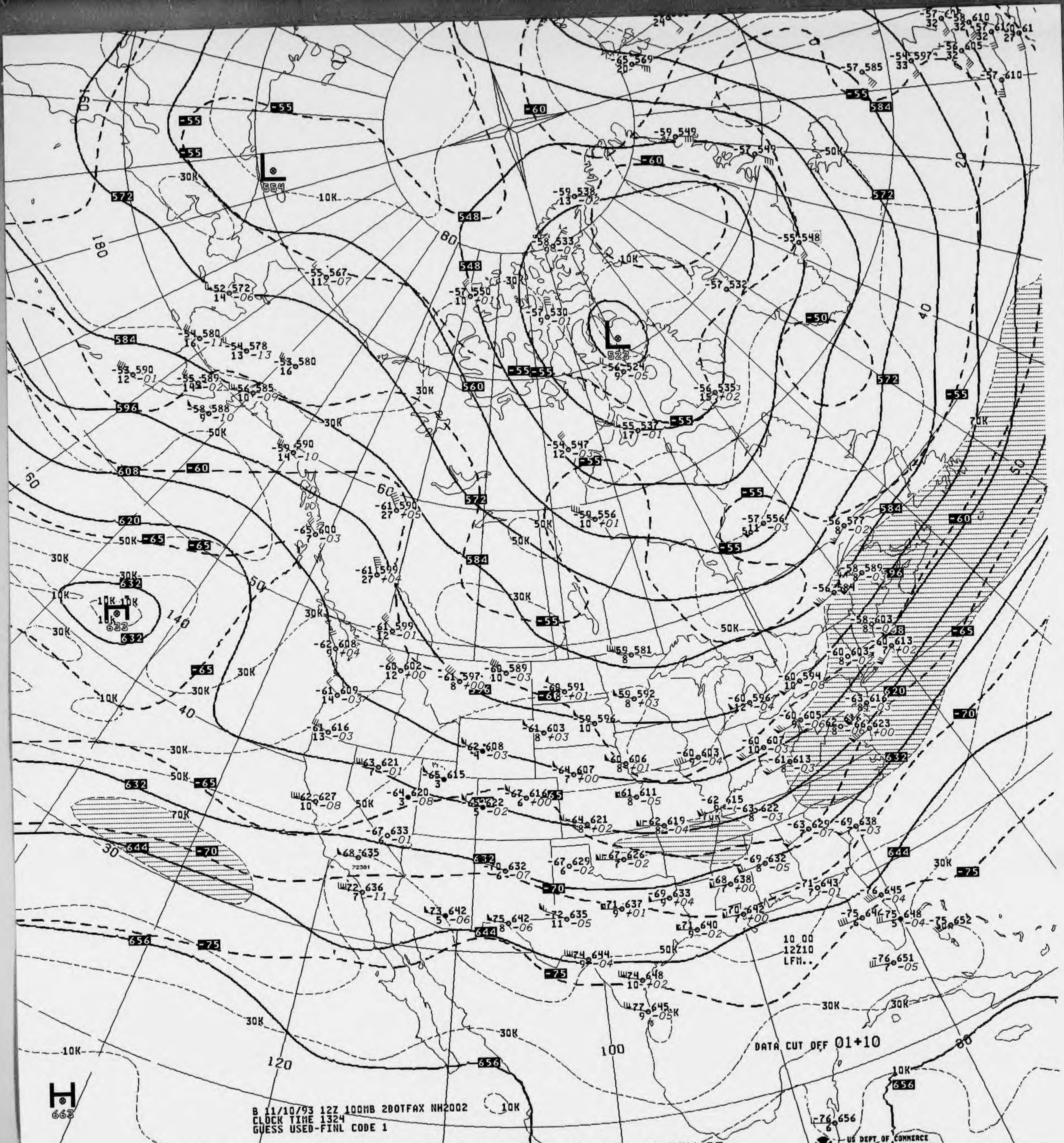
B 11/09/93 12Z 100MB 200TFAX NH2002
CLOCK TIME 1326
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 9 NOV 93

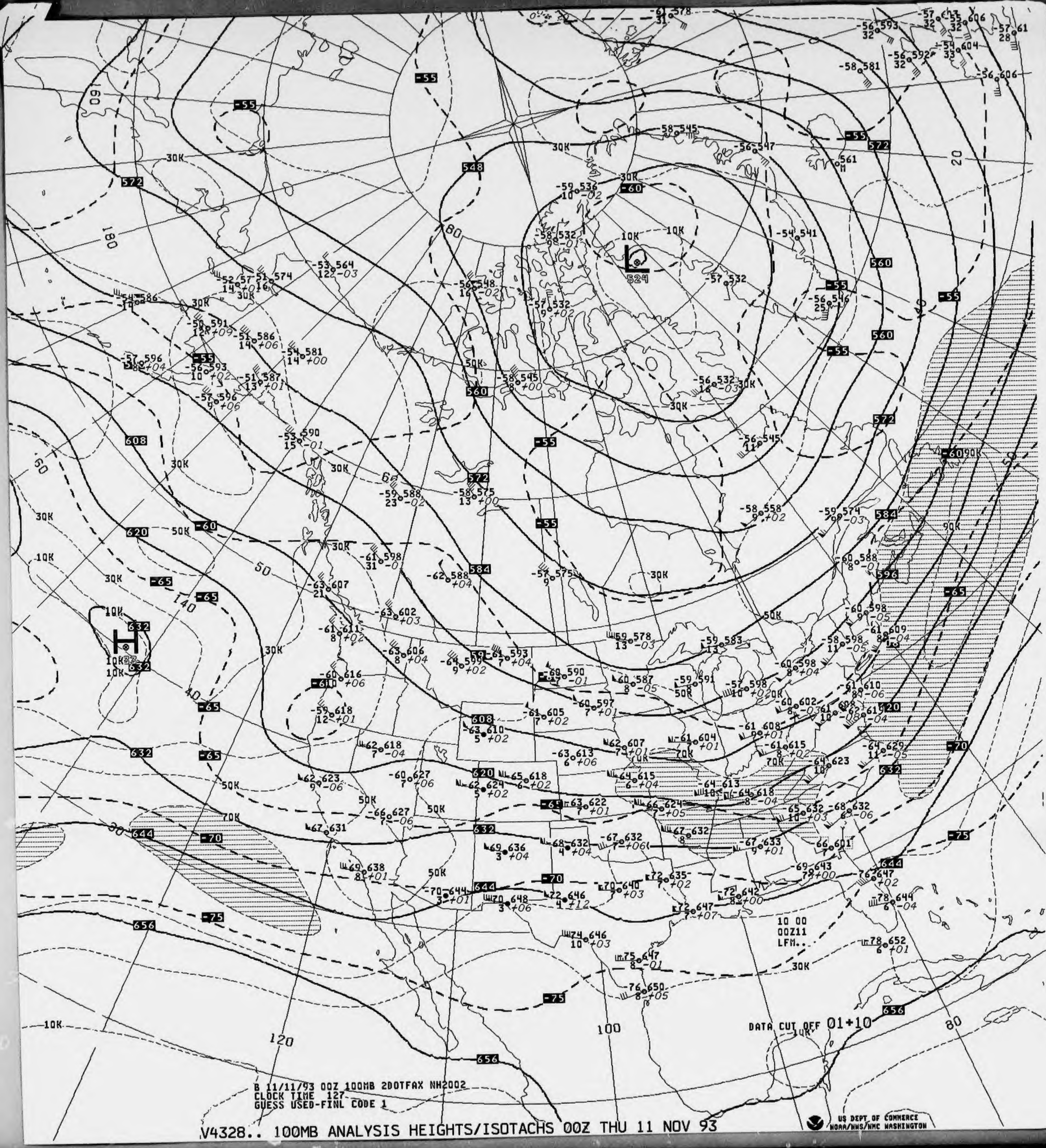
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
563
L
556
L
526
L
632
10K
30K
50K
70K
DATA CUT OFF 01+30
10 00
00Z10
LFM..
B 11/10/93 00Z 100MB 200TFAX NH2002
CLOCK TIME 19
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 10 NOV 93


B 11/10/93 12Z 100MB 200TFAX NH2002
CLOCK TIME 1324
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
10 00
12Z10
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
L 554
L 523
H 632
H 663
548
560
572
584
596
608
620
632
644
656
-50
-55
-60
-65
-70
-75
10K
30K
50K
70K
180
160
140
120
100
80
60
50
40
30
20

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 10 NOV 93



548
560
572
584
596
608
620
632
644
656
-55
-60
-65
-70
-75
30K
50K
70K
90K
10K
L
524
H
180
160
140
120
100
80
20
40
50
60

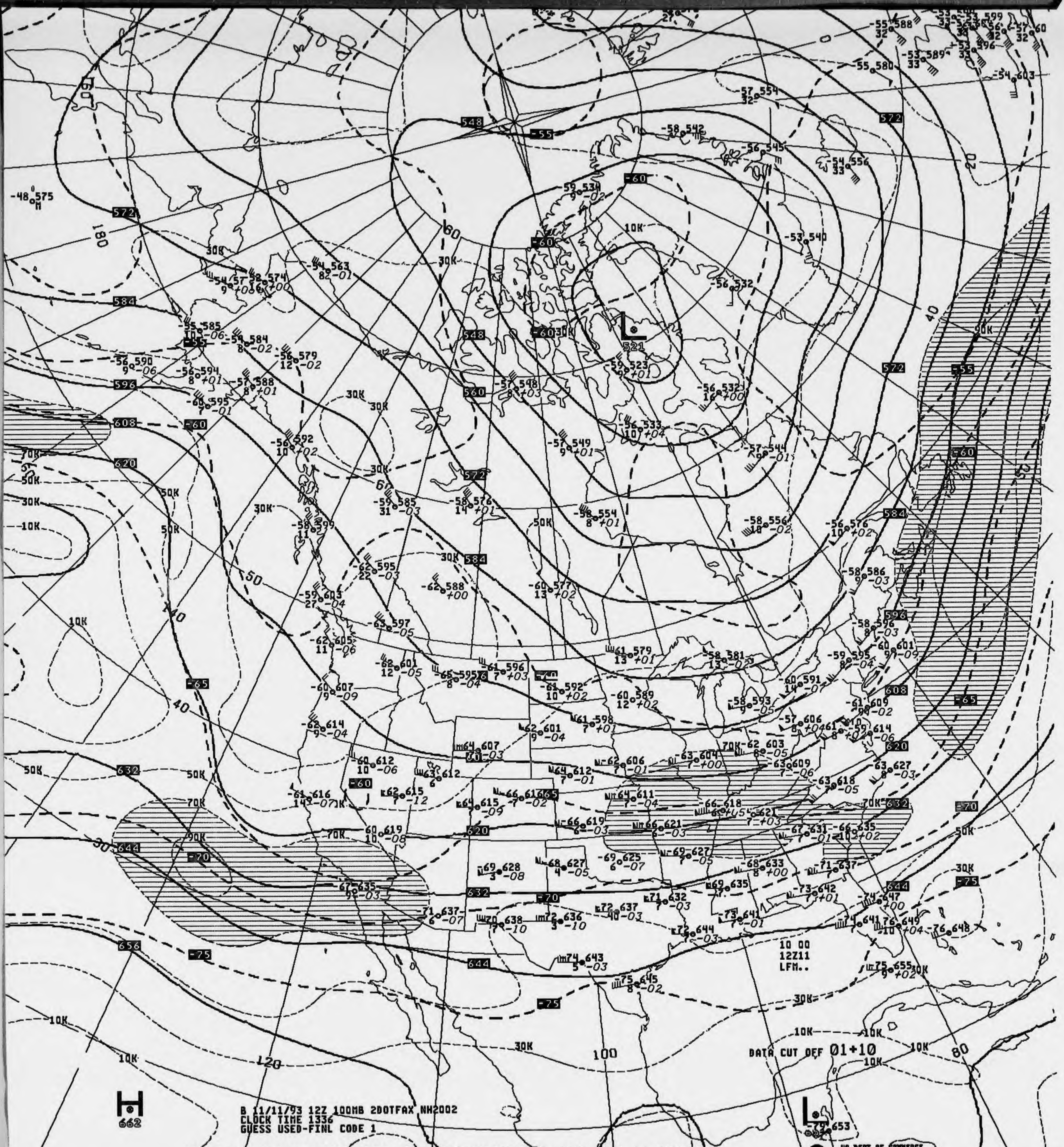
10 00
00Z11
LFM..

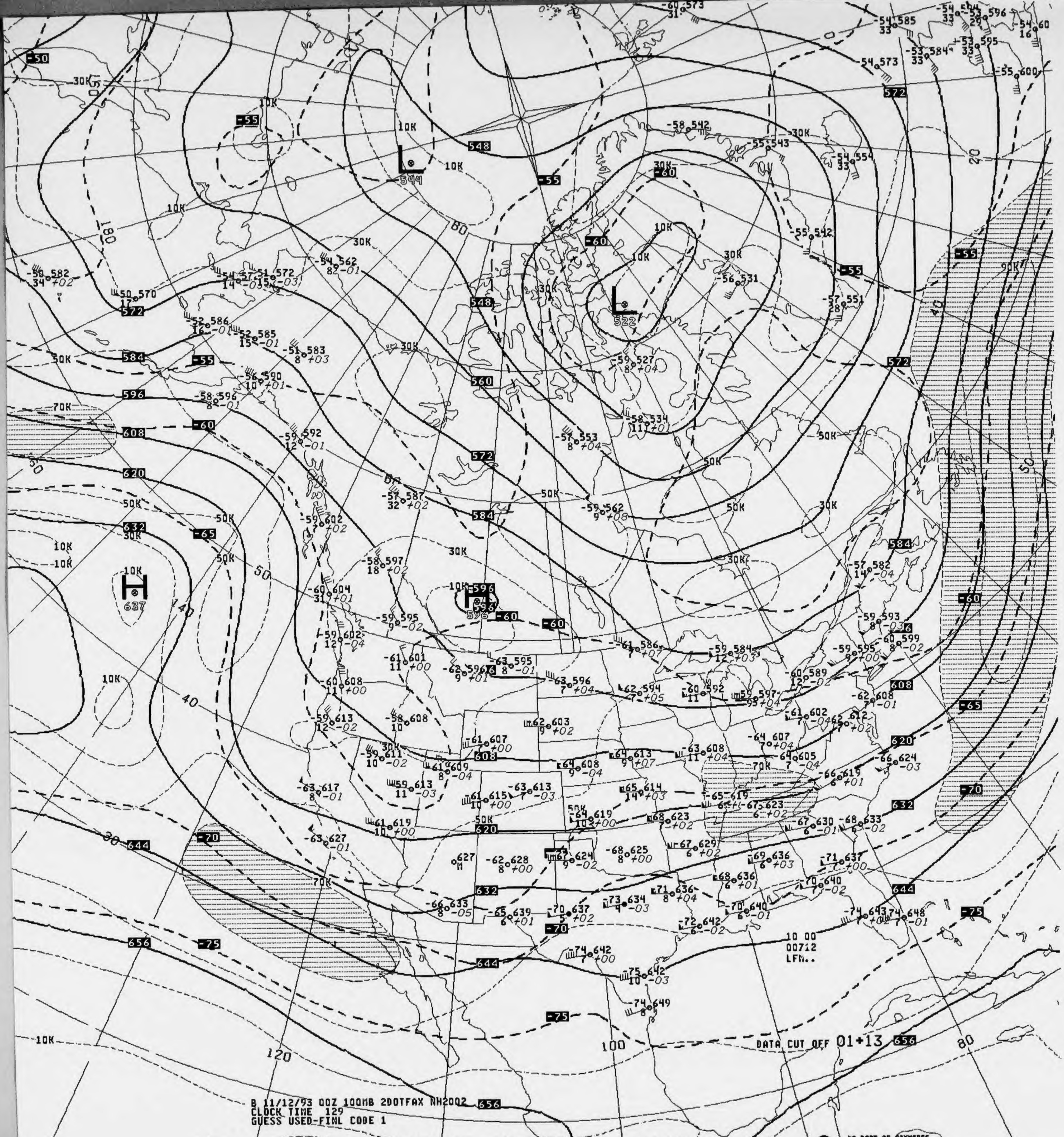
DATA CUT OFF 01+10

B 11/11/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

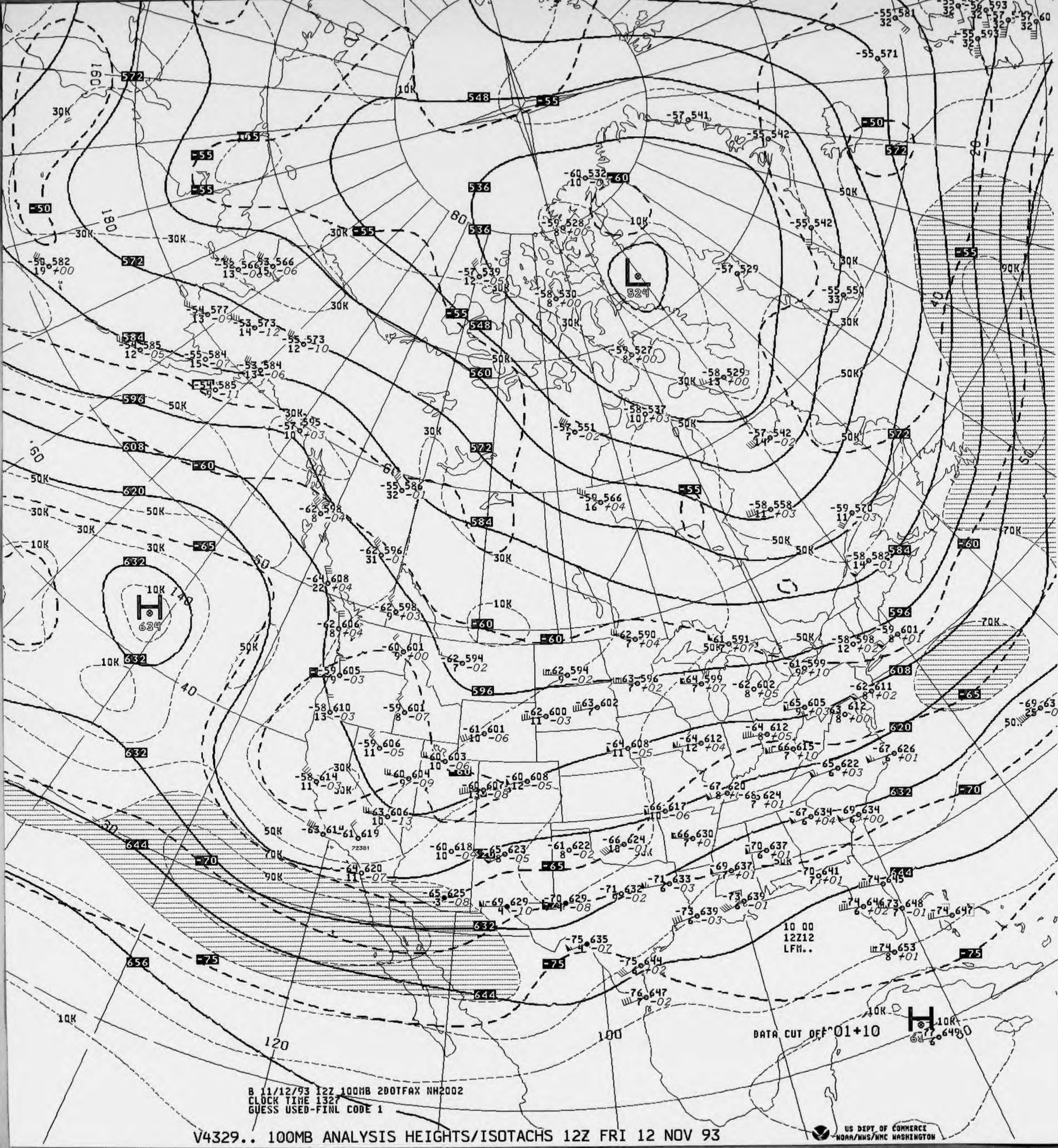
V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 11 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON




B 11/12/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 129
GUESS USED-FINL CODE 1
DATA CUT OFF 01+13
10 00
00712
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
H
627
H
596
L
544
L
522
548
560
572
584
596
608
620
632
644
656
-50
-55
-60
-65
-70
-75
10K
30K
50K
70K
90K
180
140
120
100
80
20
30
40
50

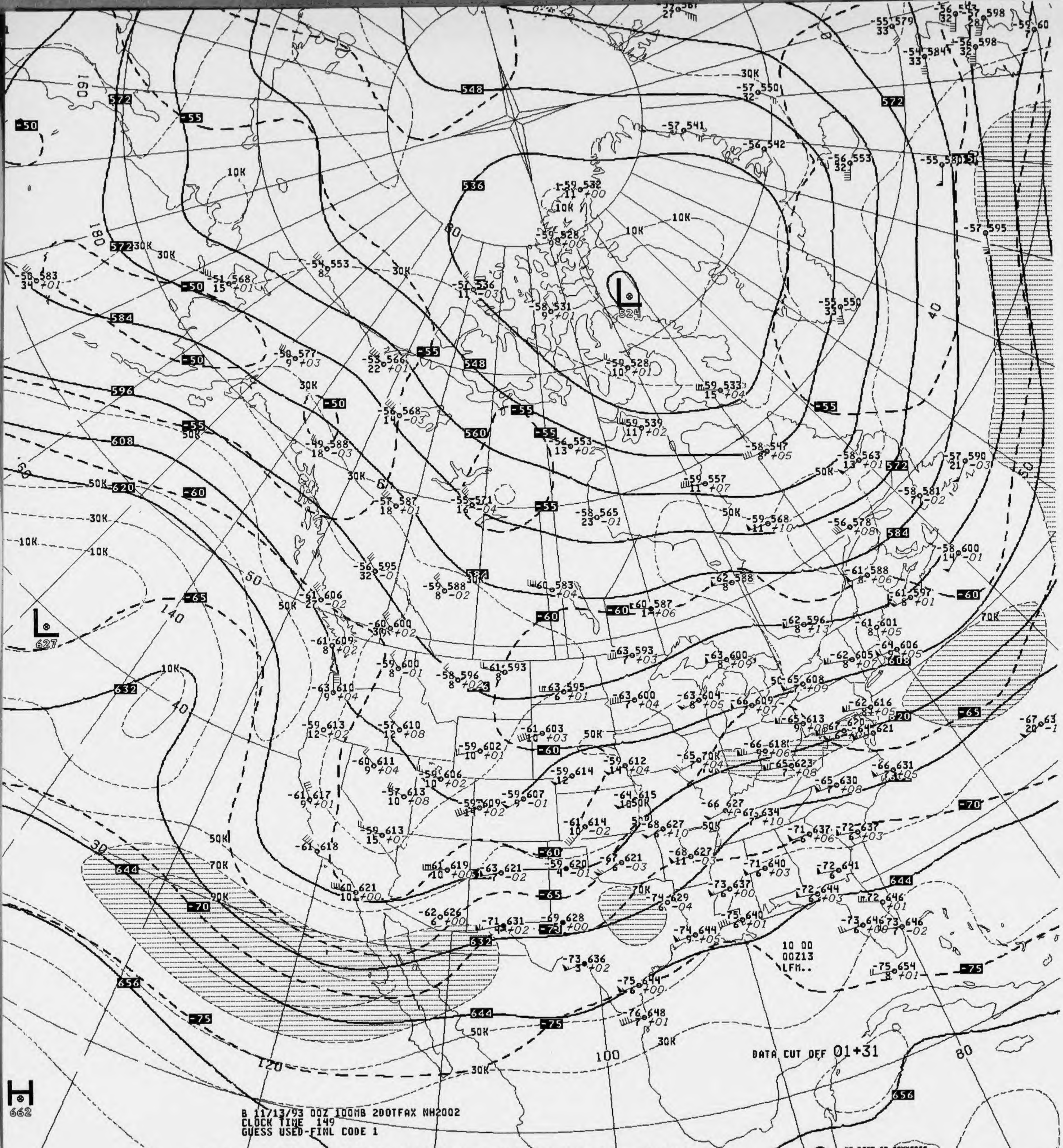
V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 12 NOV 93


DATA CUT OFF 01+10
10 00
12Z12
LFM..

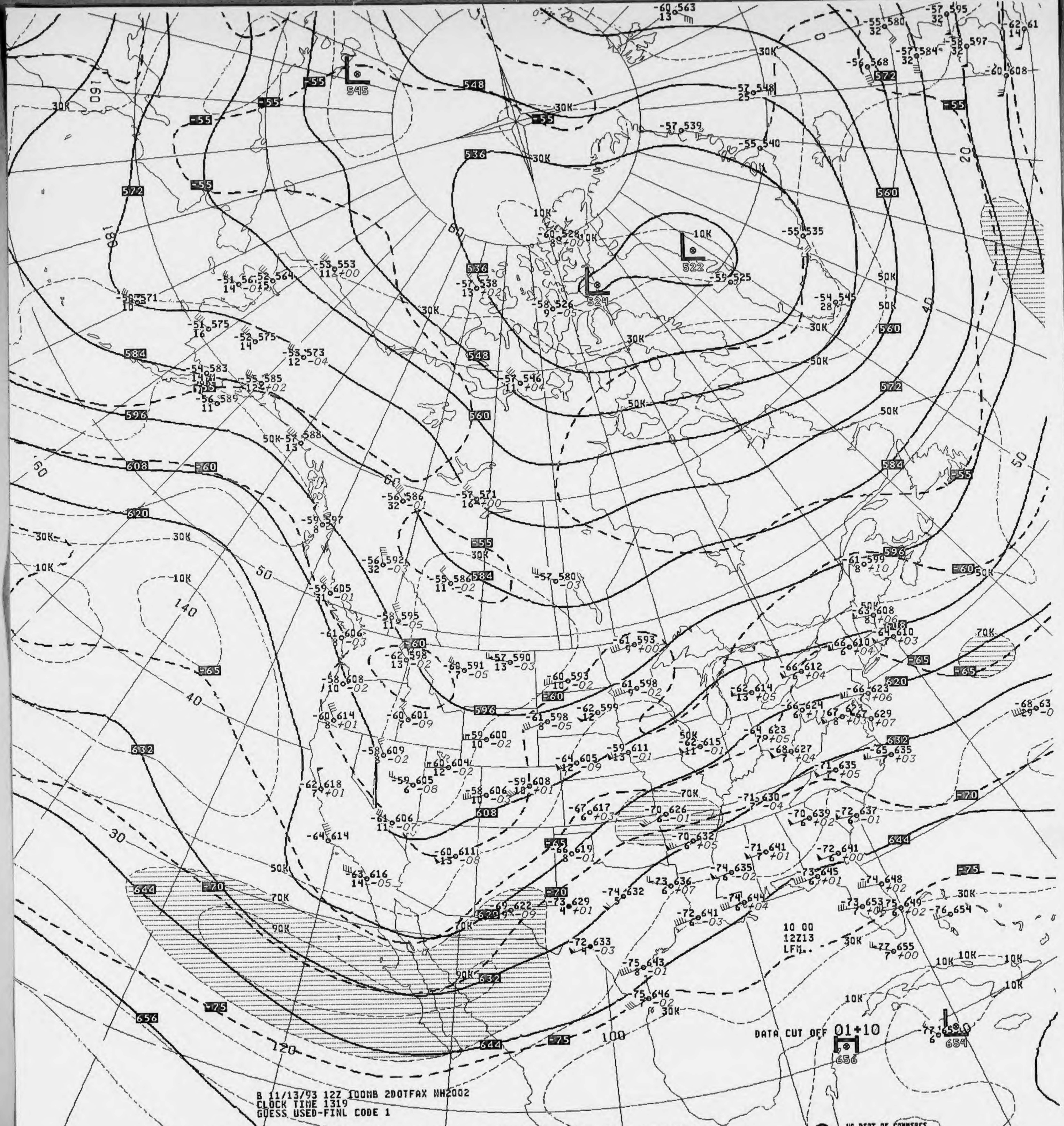
B 11/12/93 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1327
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 12 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

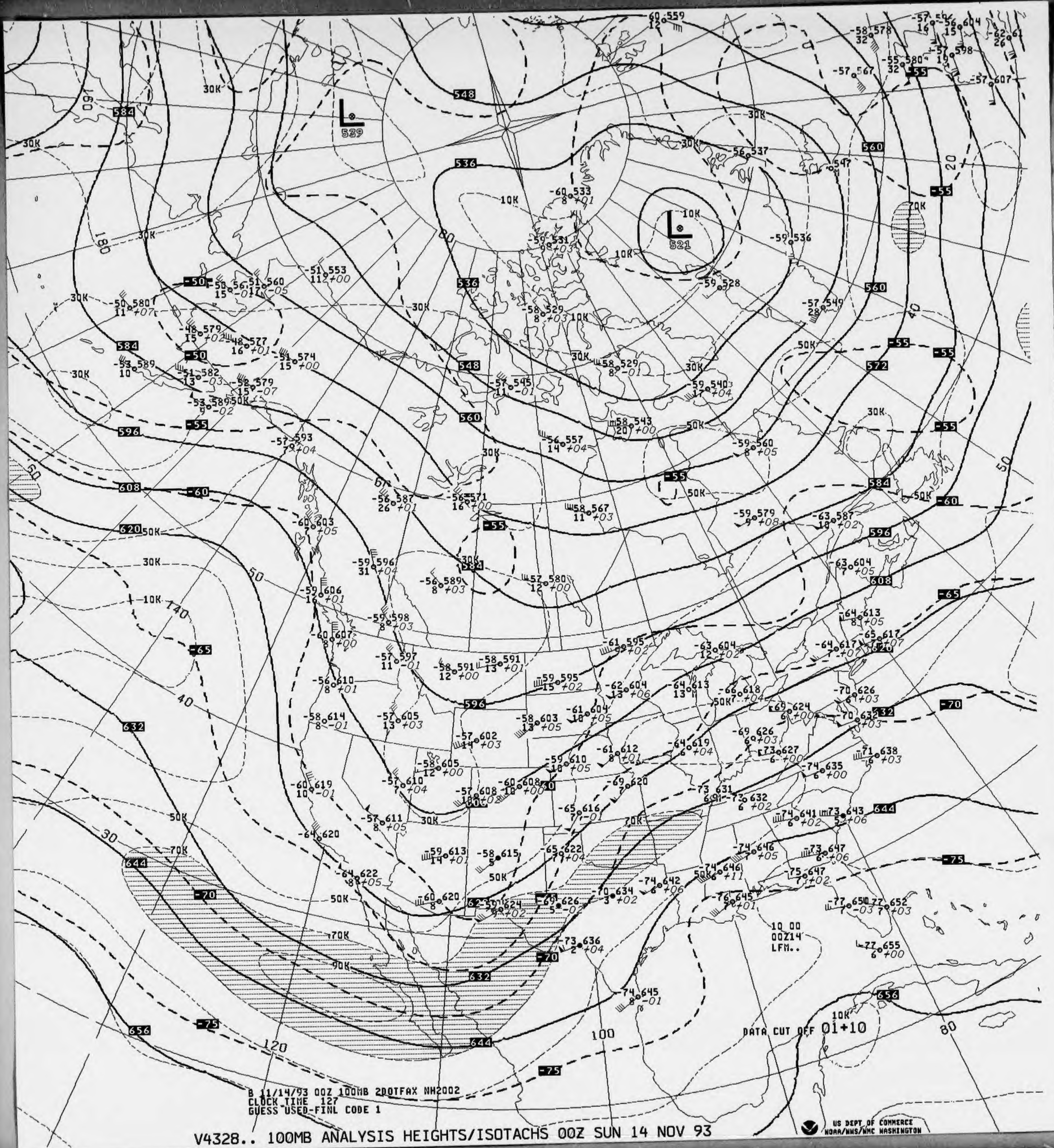

B 11/13/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 149
GUESS USED-FINL CODE 1
DATA CUT OFF 01+31
10 00
00Z13
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
L 524
L 627
H 662
536
548
560
572
584
596
608
620
632
644
656
-50
-55
-60
-65
-70
-75
10K
30K
50K
70K
90K
160
180
140
120
100
80
60
50
40
30

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 13 NOV 93


B 11/13/93 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1319
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
10 00
12Z13
LFM..
545
522
524
656
654

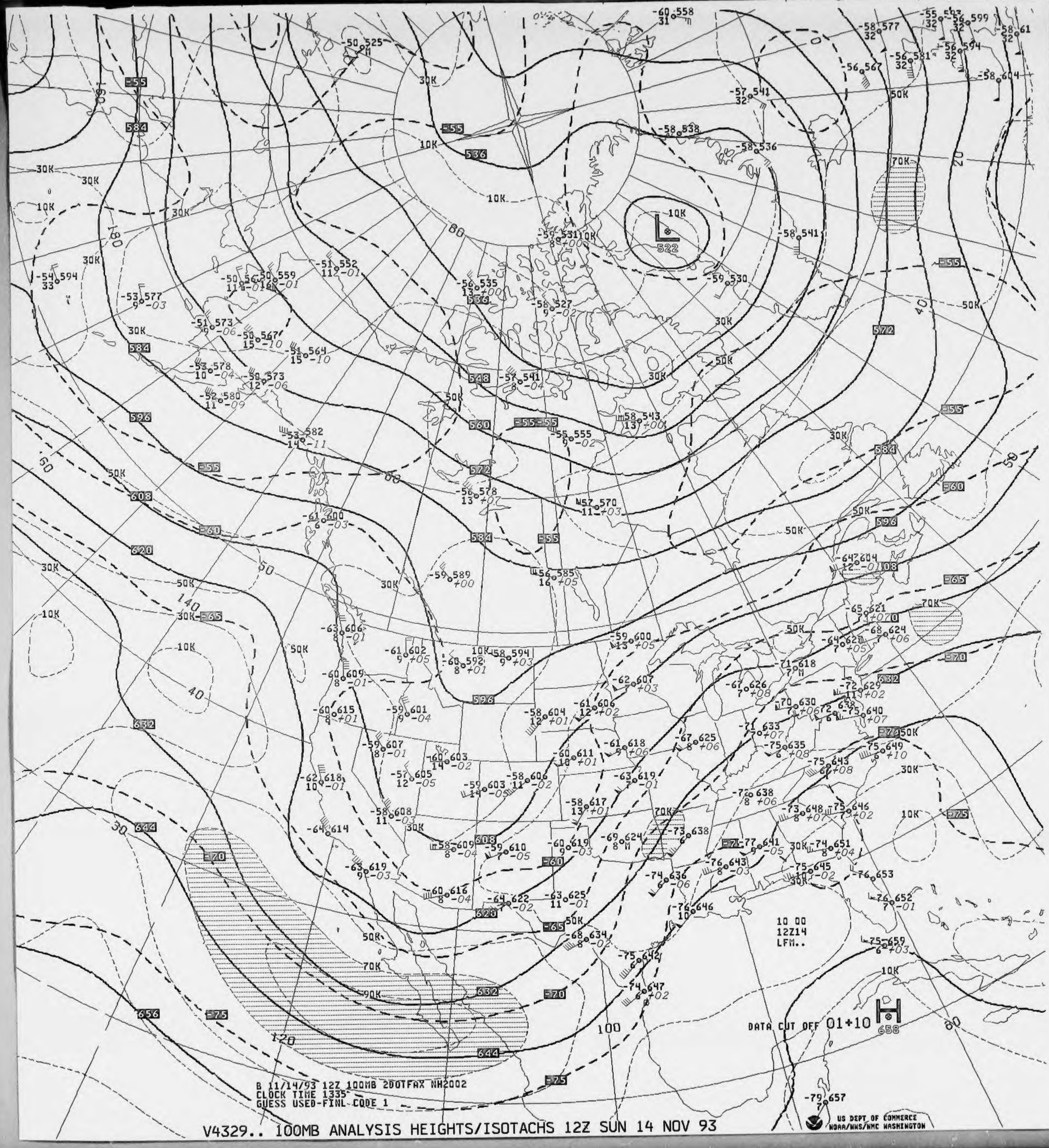
V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 13 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



L 539
L 521
536
548
560
572
584
596
608
620
632
644
656
-50
-55
-60
-65
-70
-75
10K
30K
50K
70K
90K
180
160
140
120
100
80
60
50
40
30
20
10 00
00Z14
LFM..
DATA CUT OFF 01+10
B 11/14/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

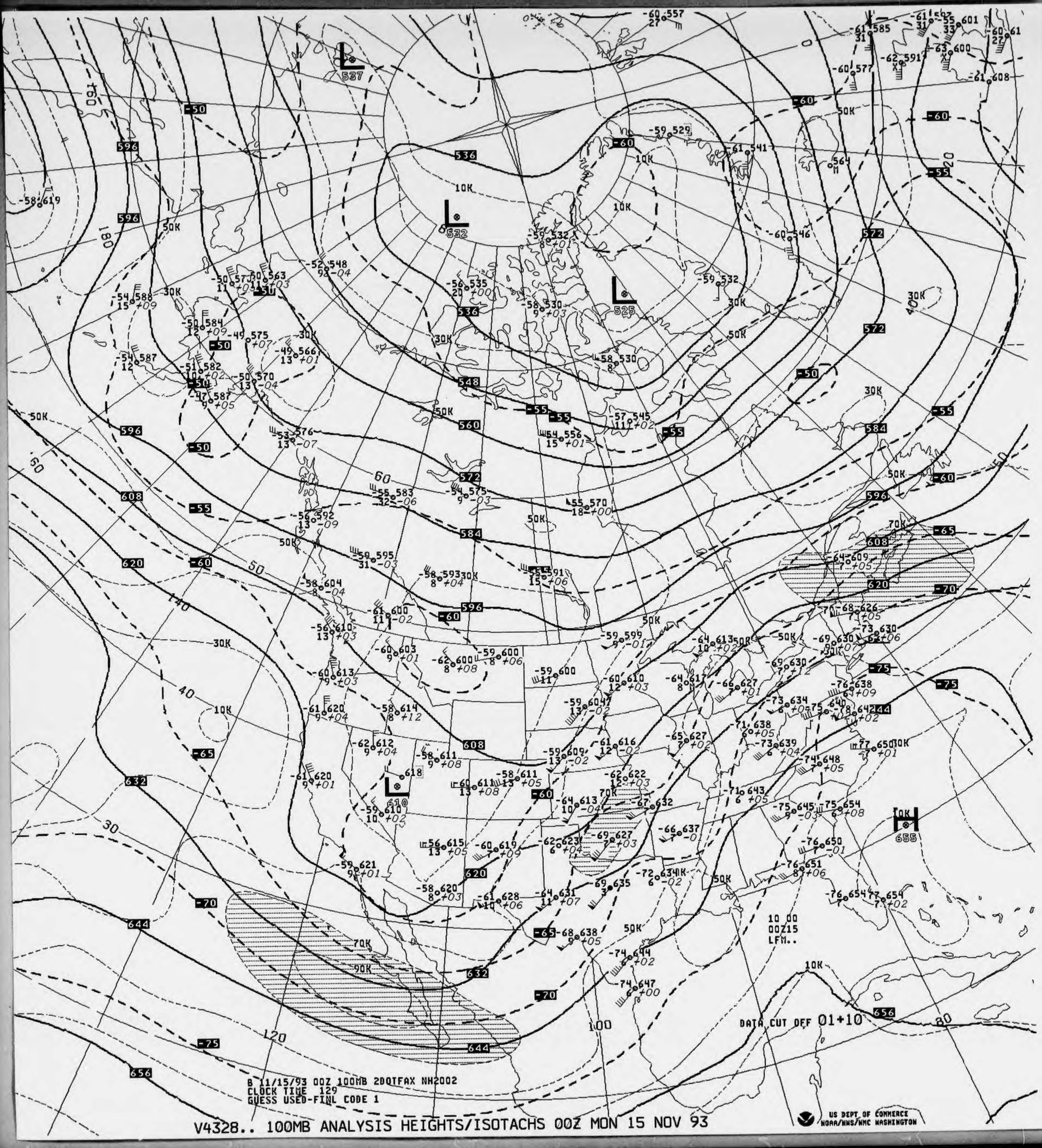
V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 14 NOV 93


L
522
H
658
DATA CUT OFF 01+10
10 00
12Z14
LFM..
536
548
560
572
584
596
608
620
632
644
656
-55
-60
-65
-70
-75
10K
30K
50K
70K
90K

B 11/14/93 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1335
GUESS USED-FINL CODE 1

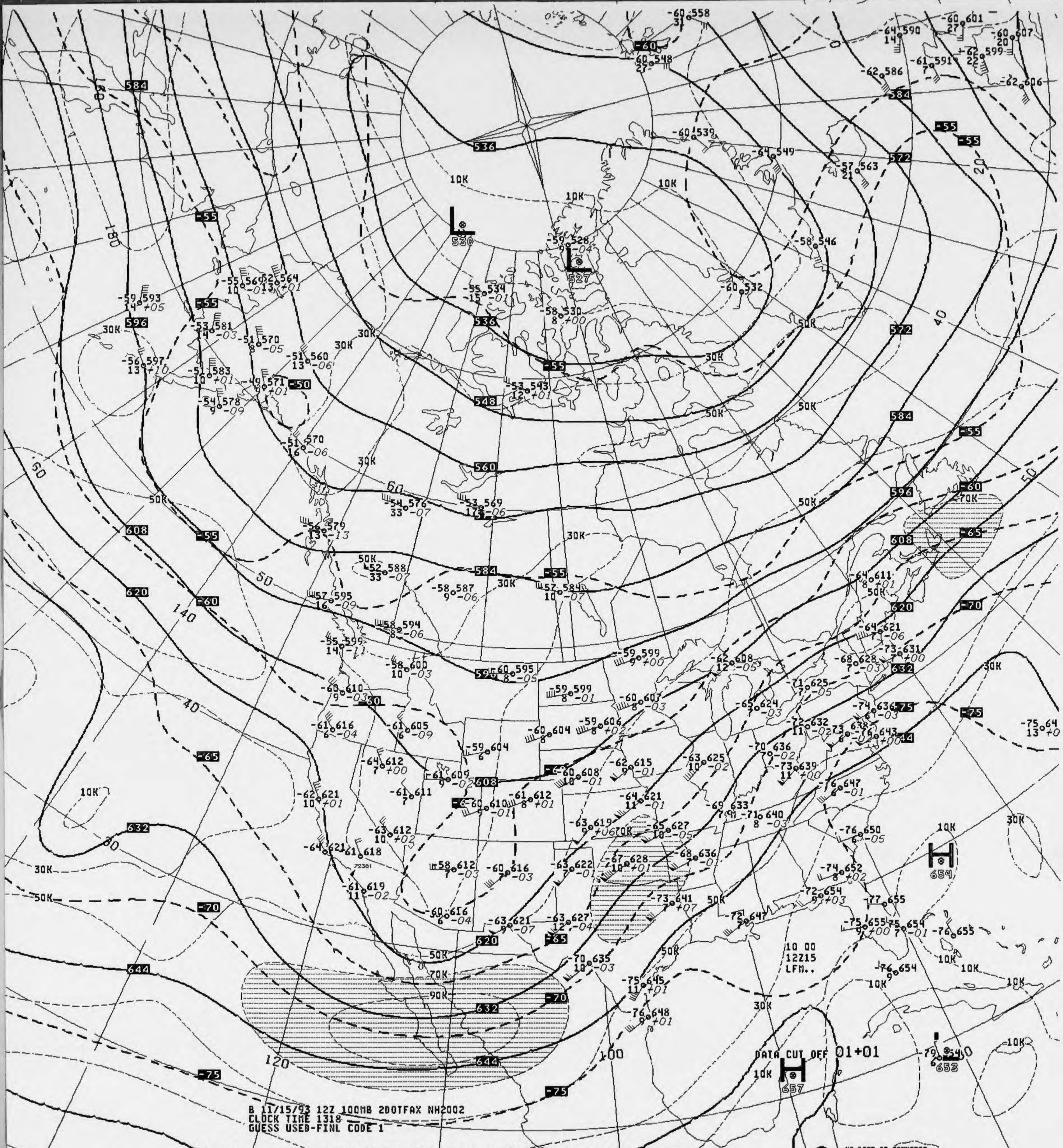
V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 14 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


10 00
00Z15
LFM..
DATA CUT OFF 01+10
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

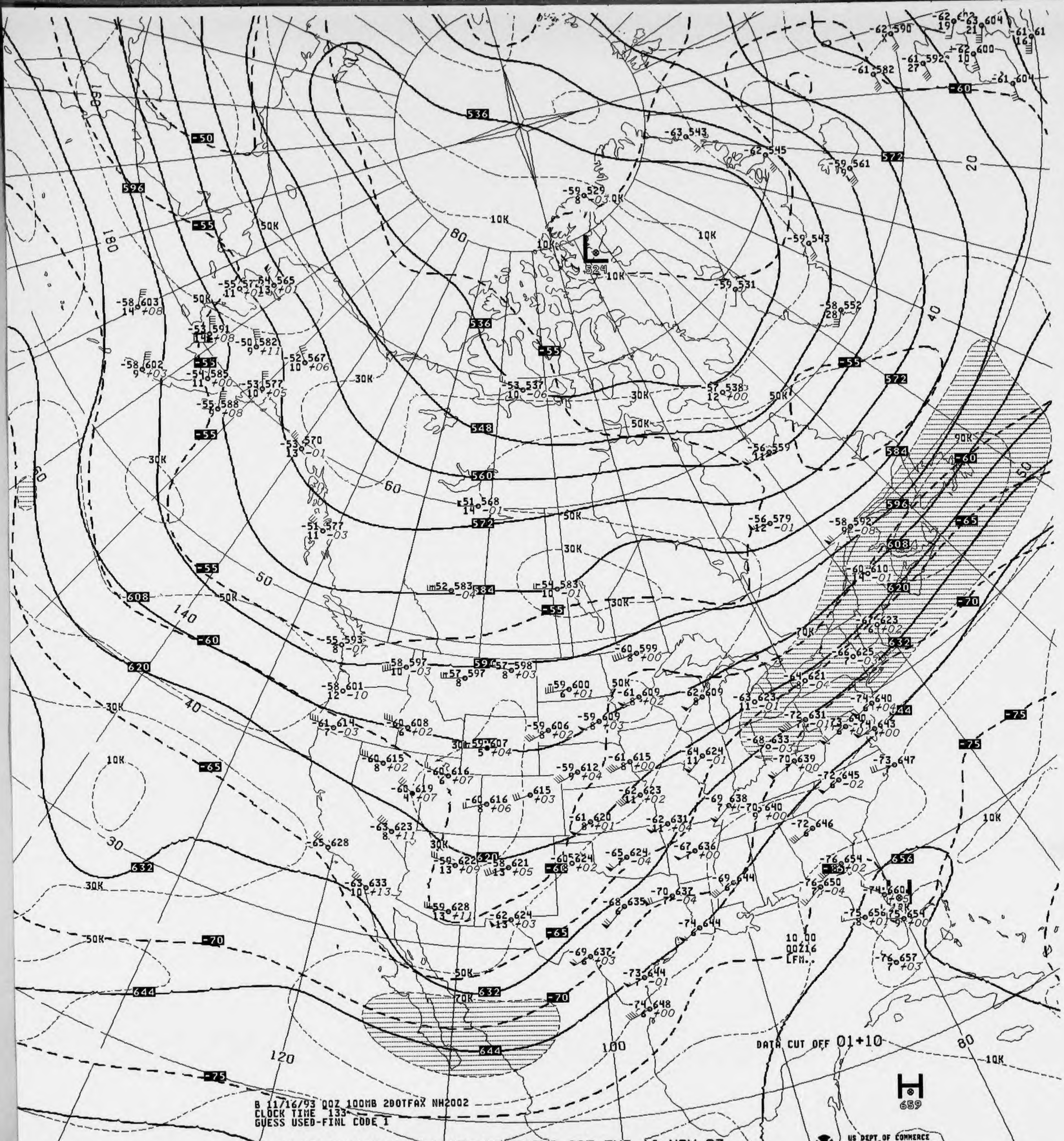
B 11/15/93 00Z 100MB 2DQTFAX NH2002
CLOCK TIME 129
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 15 NOV 93


B 11/15/93 12Z 100MB 200TFAX NH2002
CLOCK TIME 1318
GUESS USED-FINL CODE 1
DATA CUT OFF 01+01
10 00
12Z15
LFM..
L
530
L
527
H
654
H
657
536
548
560
584
596
608
620
632
644
572
-55
-60
-65
-70
-75
10K
30K
50K
70K
90K
120
140
100
180
160
60
50
40
30
20

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 15 NOV 93

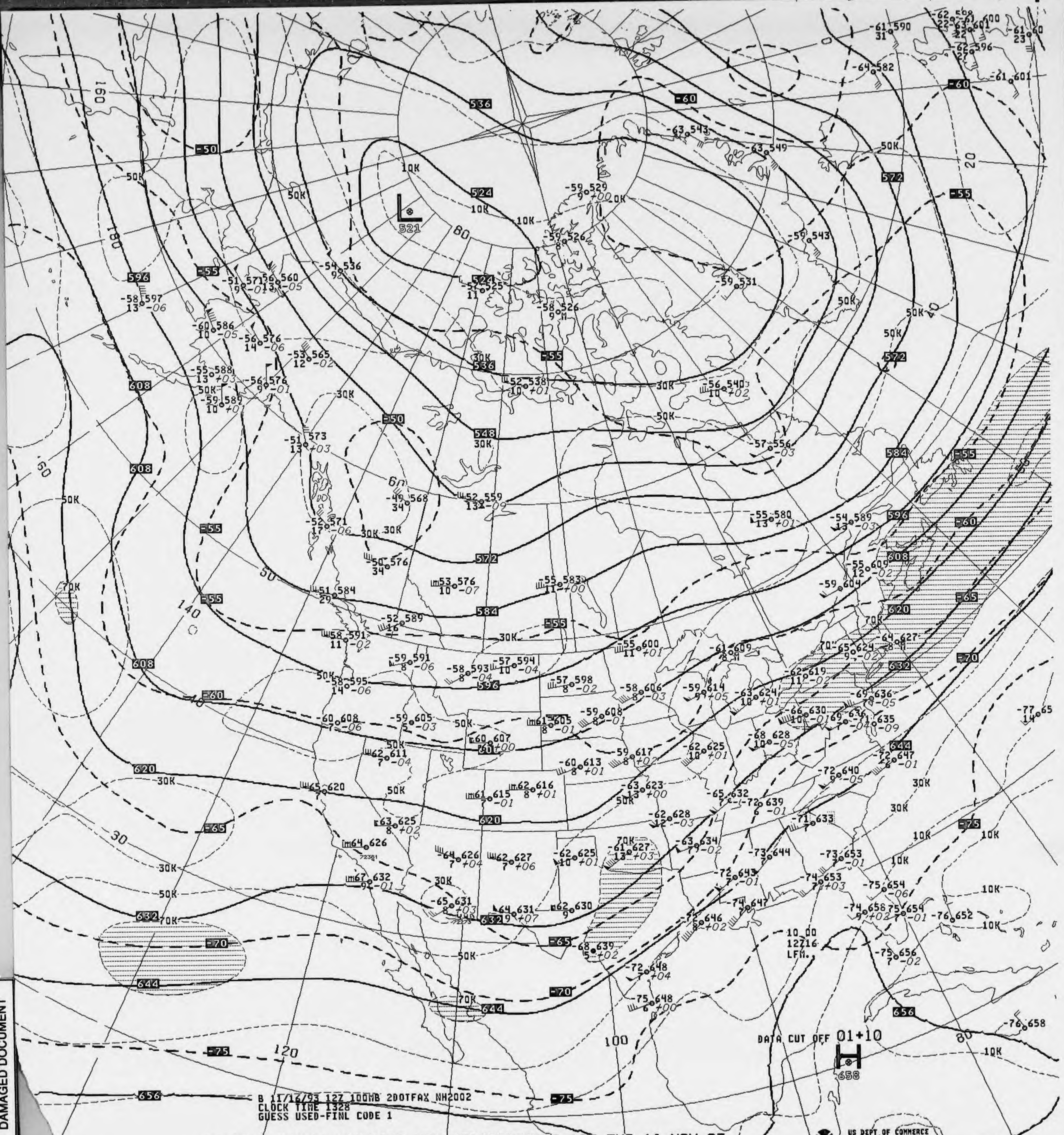
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


536
548
560
572
584
596
608
620
632
644
656
L
524
H
659
10K
30K
50K
70K
90K
DATA CUT OFF 01+10
10 00
00Z16
LFM..

B 11/16/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 133
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 16 NOV 93

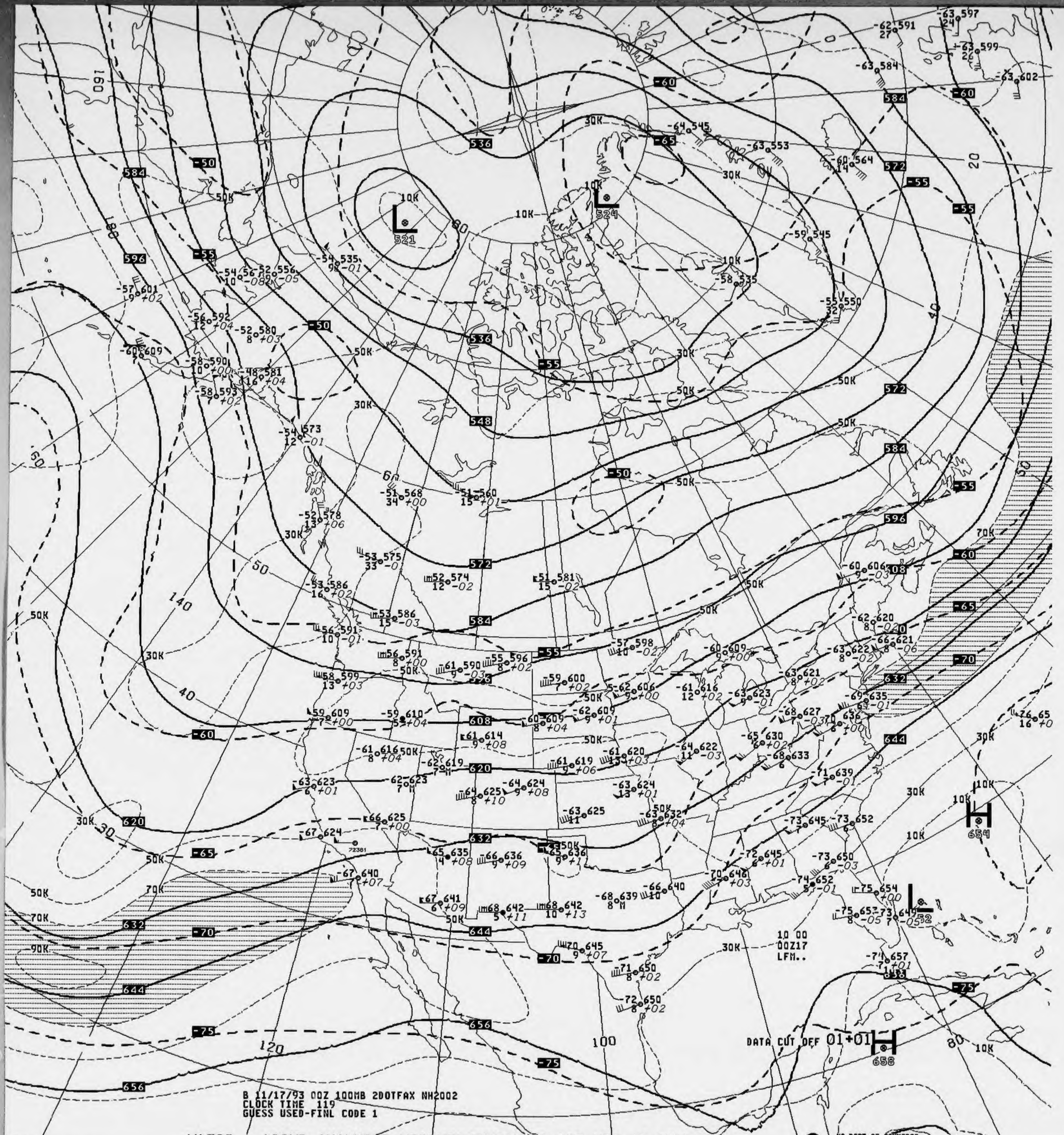
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



536
524
521
-50
-55
-60
-65
-70
-75
548
572
584
596
608
620
632
644
656
572
10K
30K
50K
70K
80
140
120
100
180
160
20
DATA CUT OFF 01+10
658
10 00
12Z16
LFM.
B 11/16/93 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1328
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 16 NOV 93

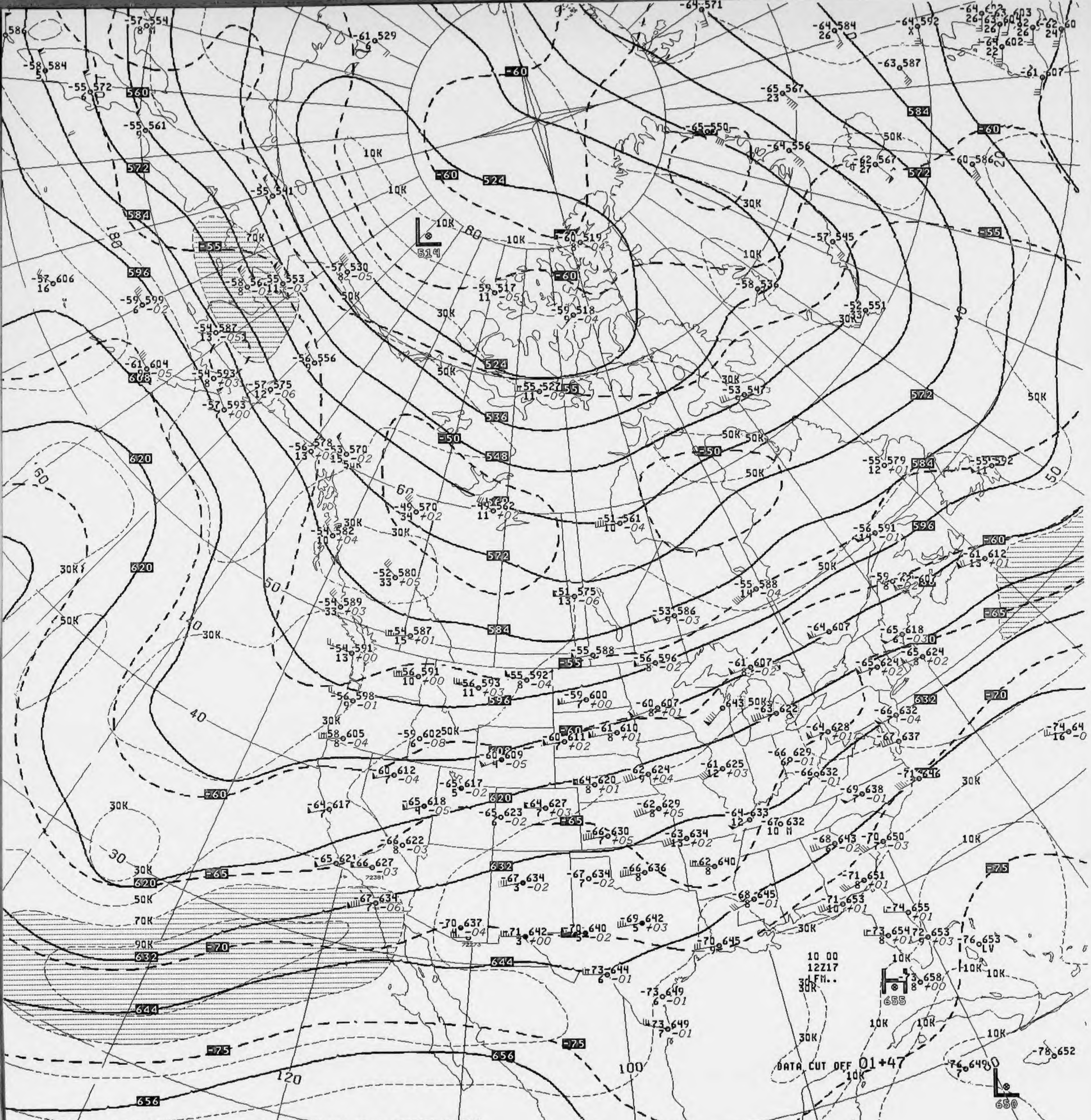
BEST AVAILABLE RECORD
DAMAGED DOCUMENT


L
521
L
524
H
654
L
652
H
658
DATA CUT OFF 01+01
10 00
00Z17
LFM..
72381

B 11/17/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 119
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 17 NOV 93

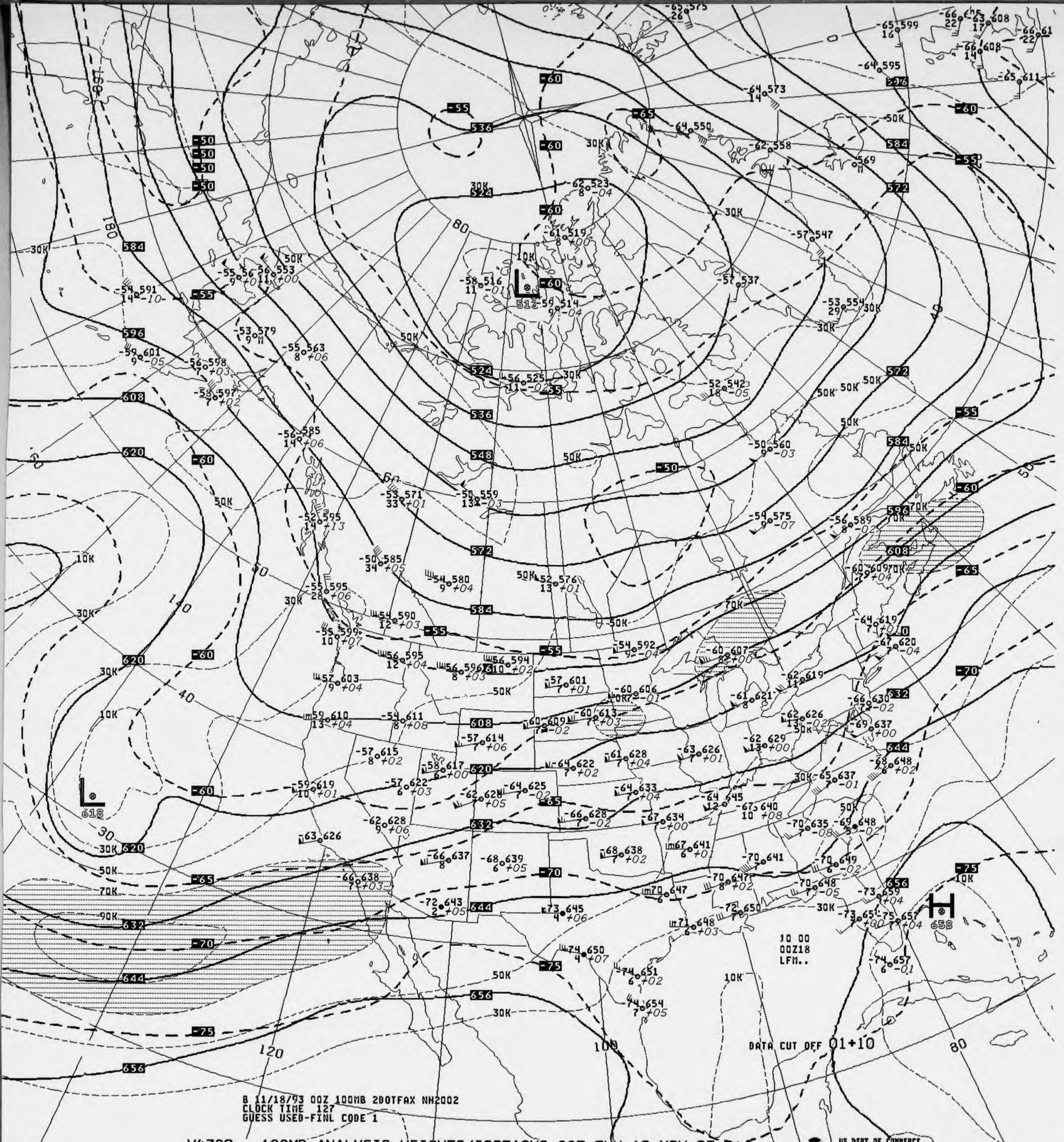
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+47
10 00
12Z17
LFM..
514
655
650
524
536
548
560
572
584
596
608
620
632
644
656
-50
-55
-60
-65
-70
-75
10K
30K
50K
70K
90K
100
120
140
180

B 11/17/93 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1417
GUESS USED-FINL CODE 1

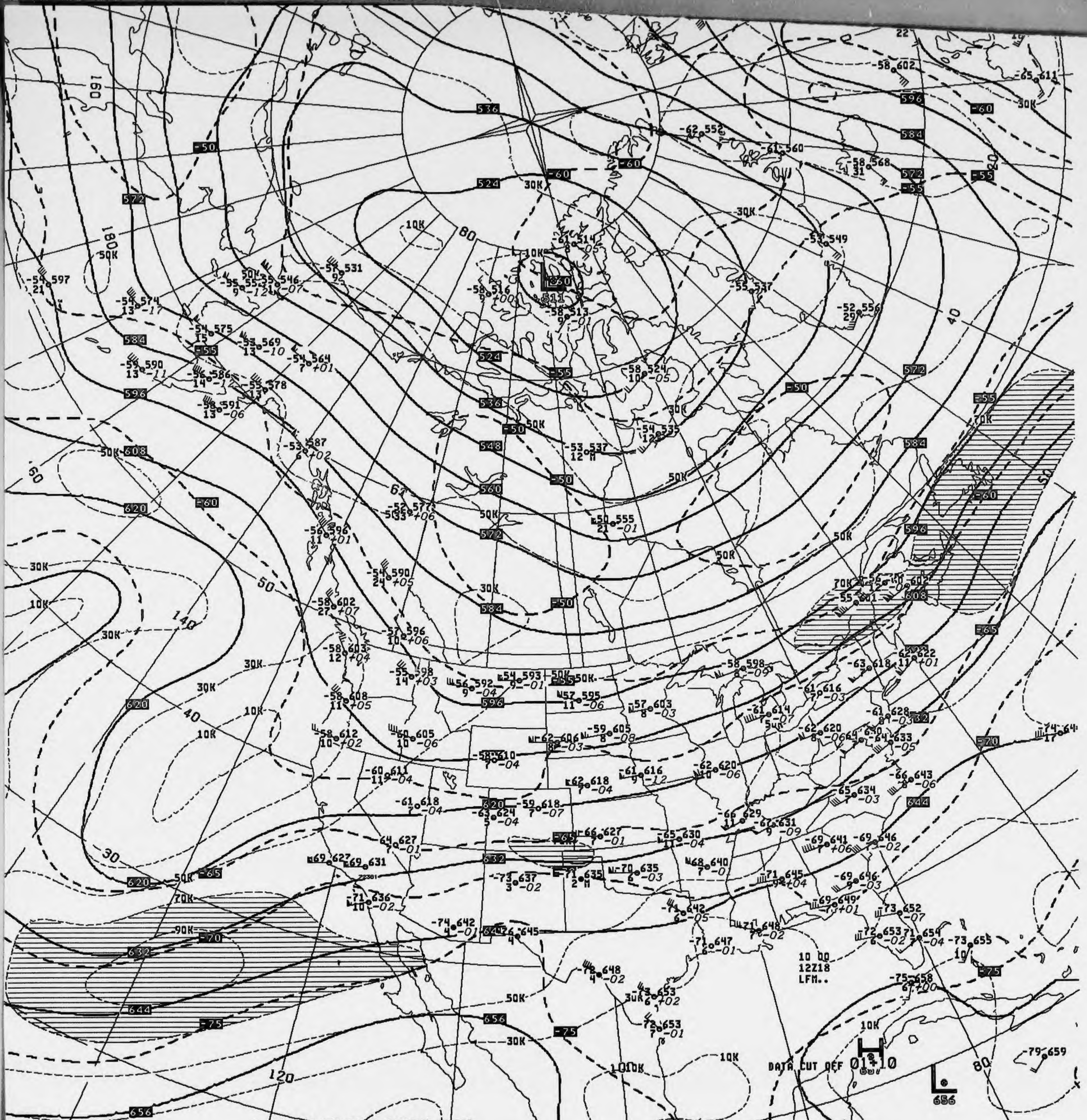
V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 17 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/18/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
10 00
00Z18
LFM..
L
618
H
658
L
512

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 18 NOV 93

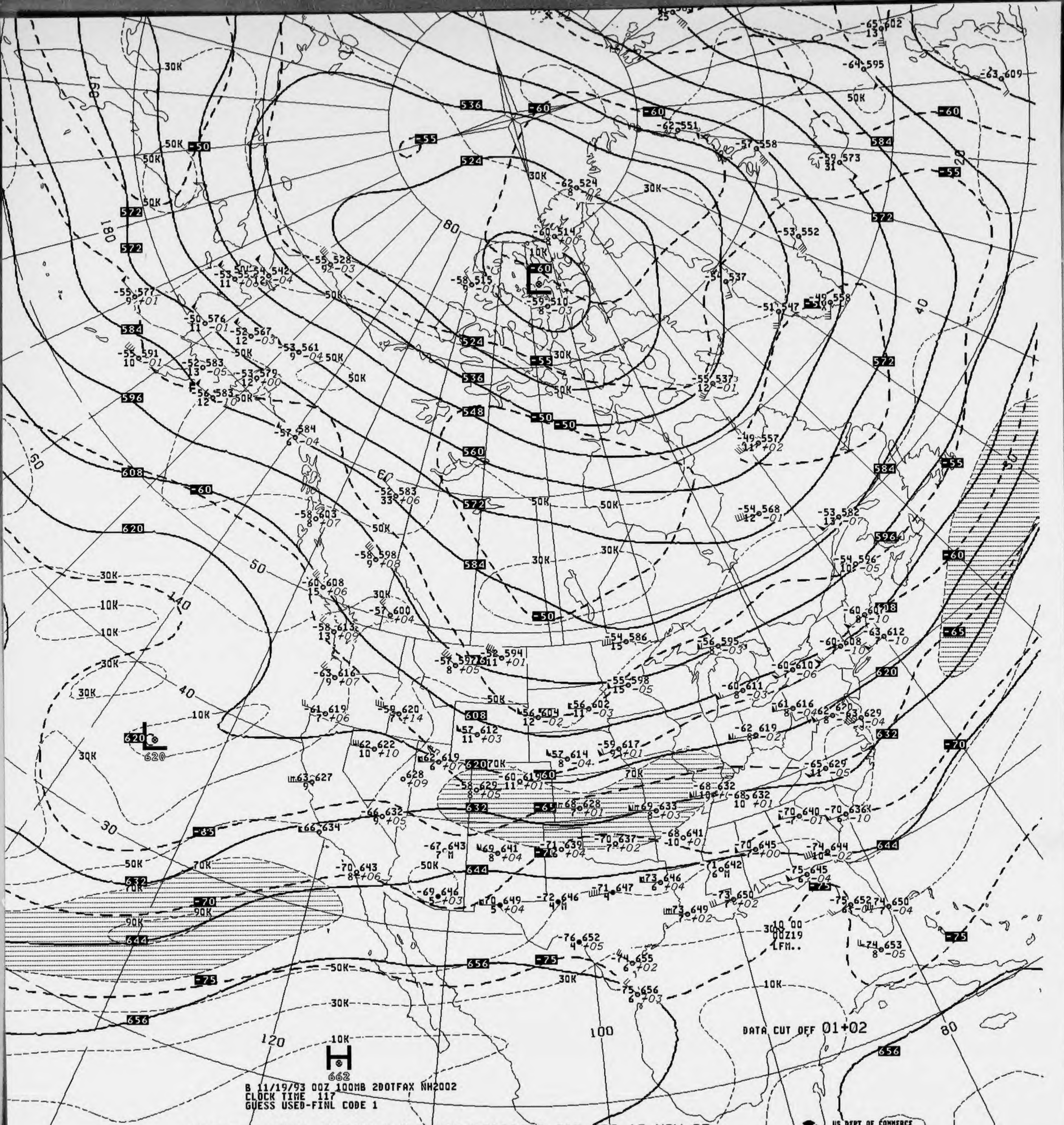
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+10
10 00
12Z18
LFM..

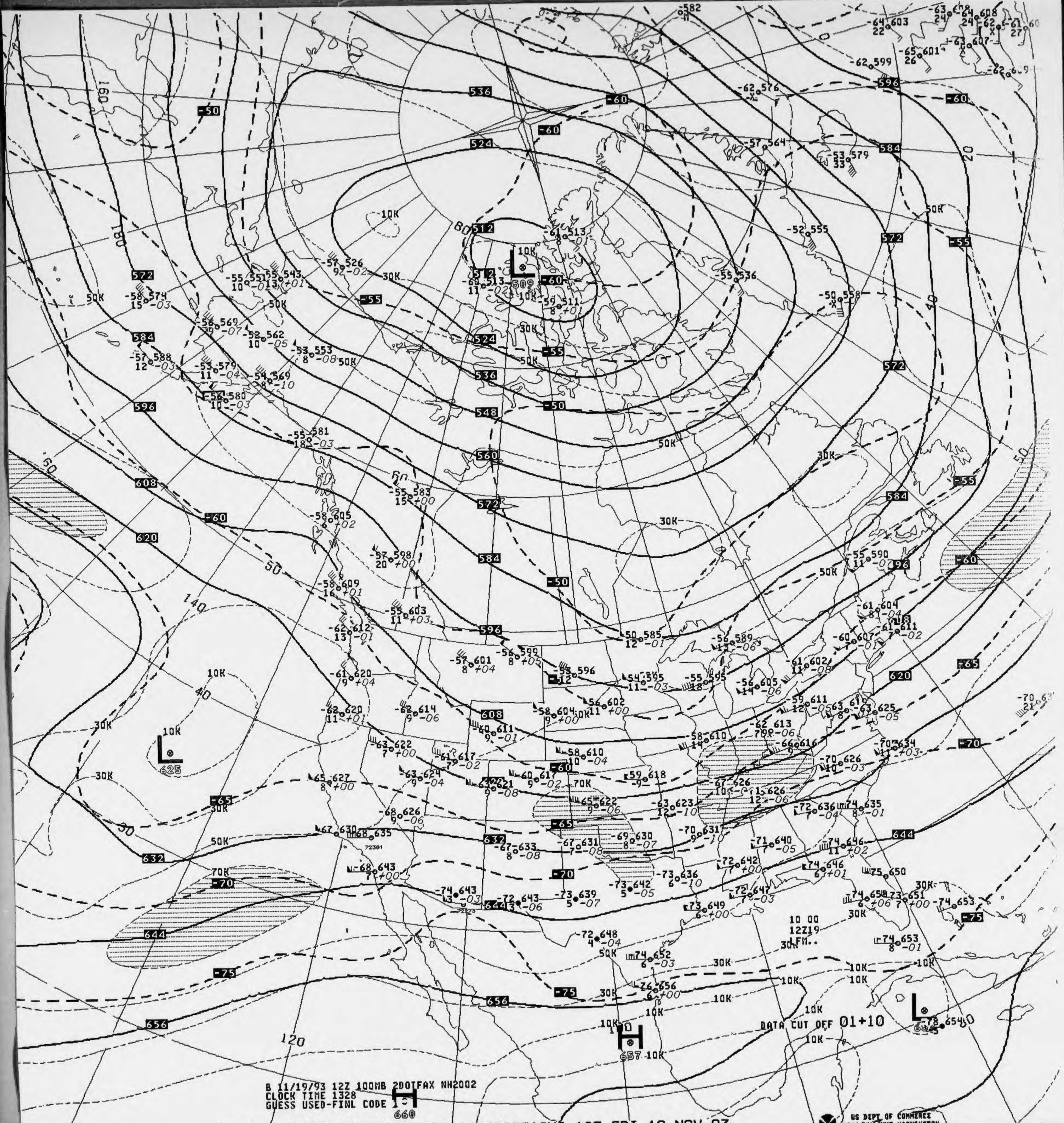
B 11/18/93 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1327
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 18 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+02
B 11/19/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 117
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

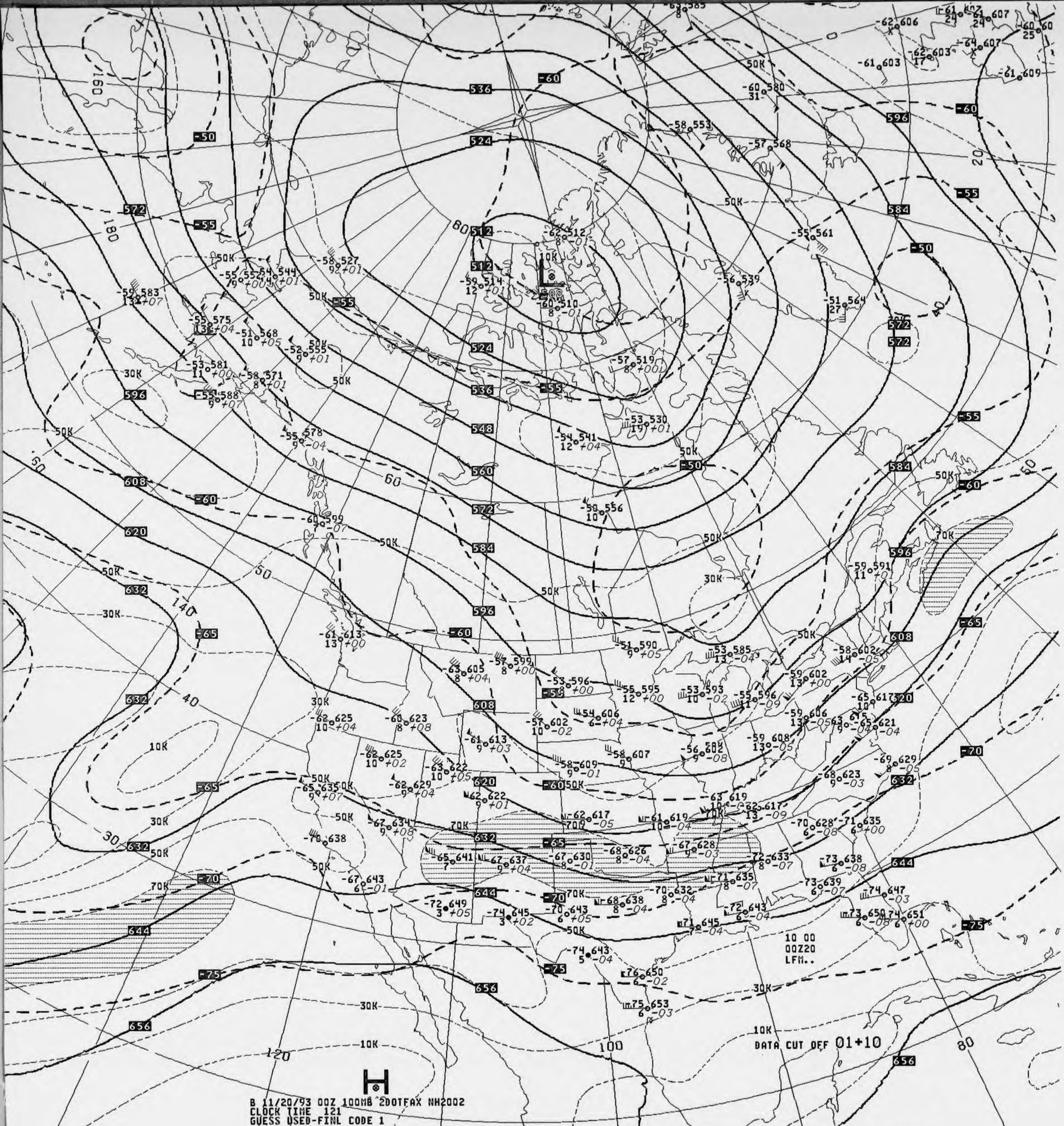
V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 19 NOV 93


536
524
512
509
L
-60
-55
-50
548
560
572
584
596
608
620
632
644
656
-65
-70
-75
L
625
H
657
10K
30K
50K
70K
160
180
140
120
80
60
50
40
30
20
DATA CUT OFF 01+10
10 00
12Z19
LFM..
H
660

B 11/19/93 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1328
GUESS USED-FINL CODE 1

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

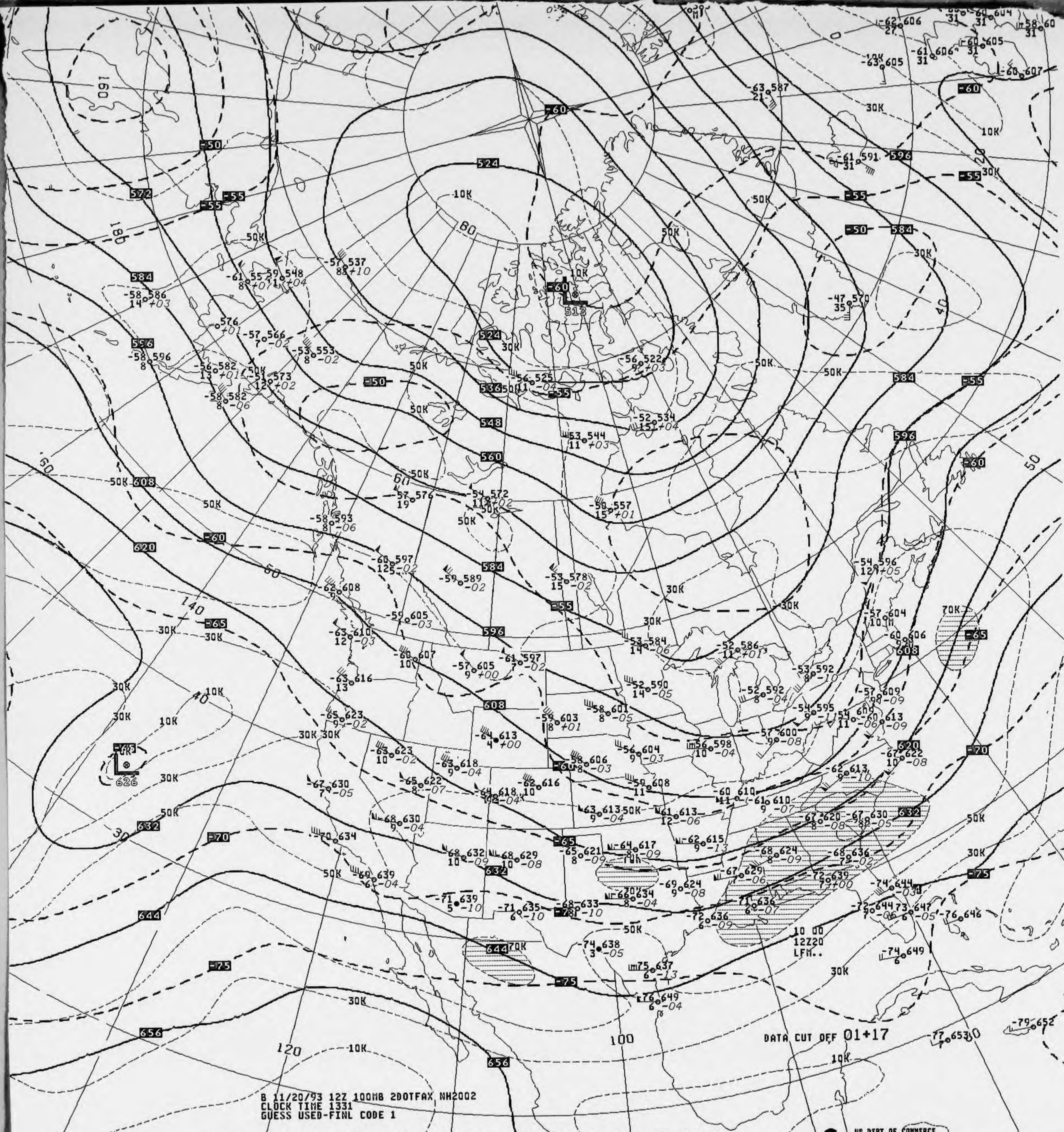
V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 19 NOV 93


536
524
512
548
560
572
584
596
608
620
632
644
656
-50
-55
-60
-65
-70
-75
50K
30K
70K
10K
L
508
H
180
160
140
120
100
80
60
50
40
30
20
0
10 00
00Z20
LFM..
DATA CUT OFF 01+10

B 11/20/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 121
GUESS USED-FINL CODE 1

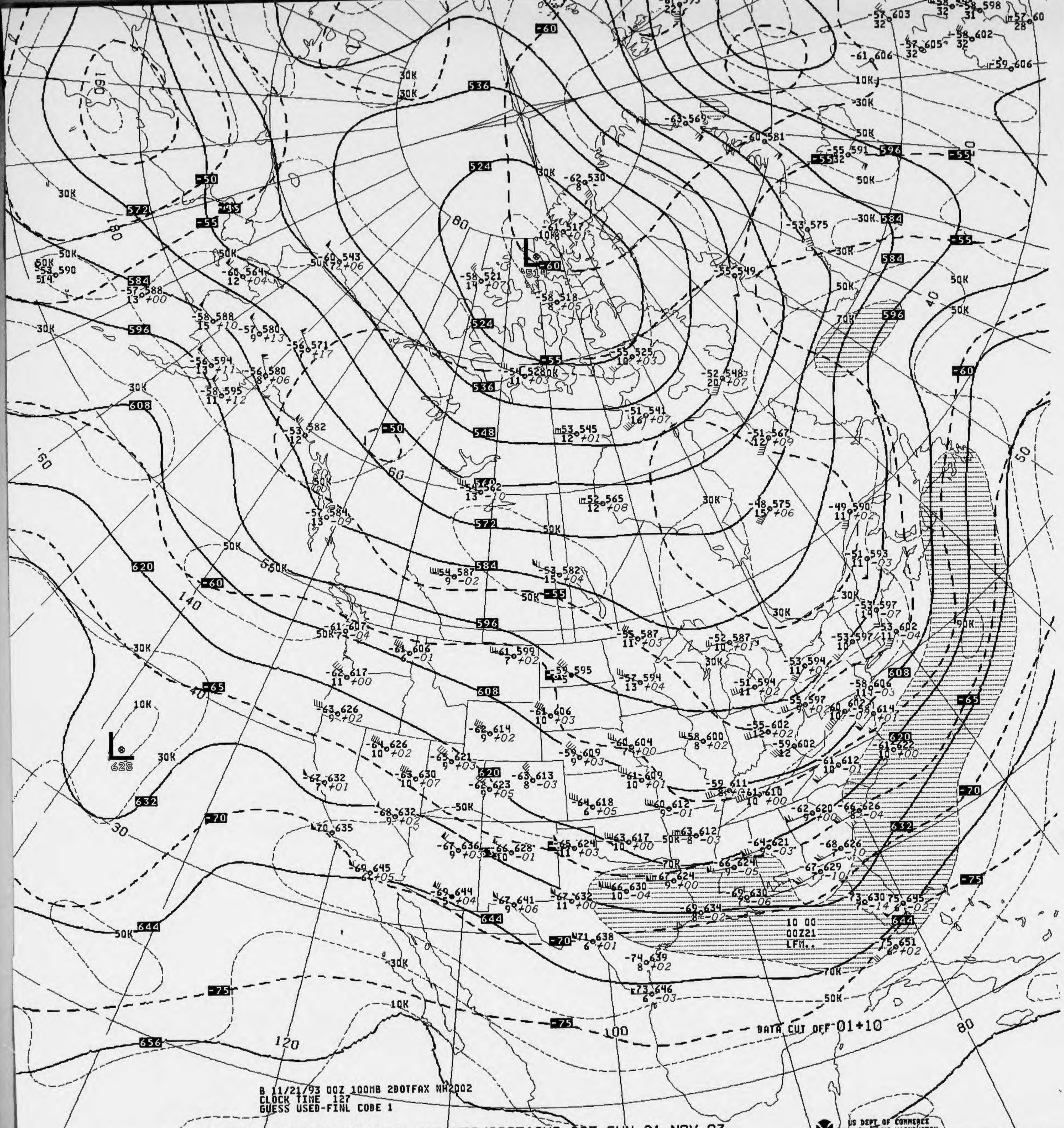
V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 20 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+17
10 00
12Z20
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 11/20/93 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1331
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 20 NOV 93


B 11/21/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
10 00
00Z21
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
514
628
524
536
548
560
572
584
596
608
620
632
644
656
-50
-55
-60
-65
-70
-75
10K
30K
50K
70K
90K
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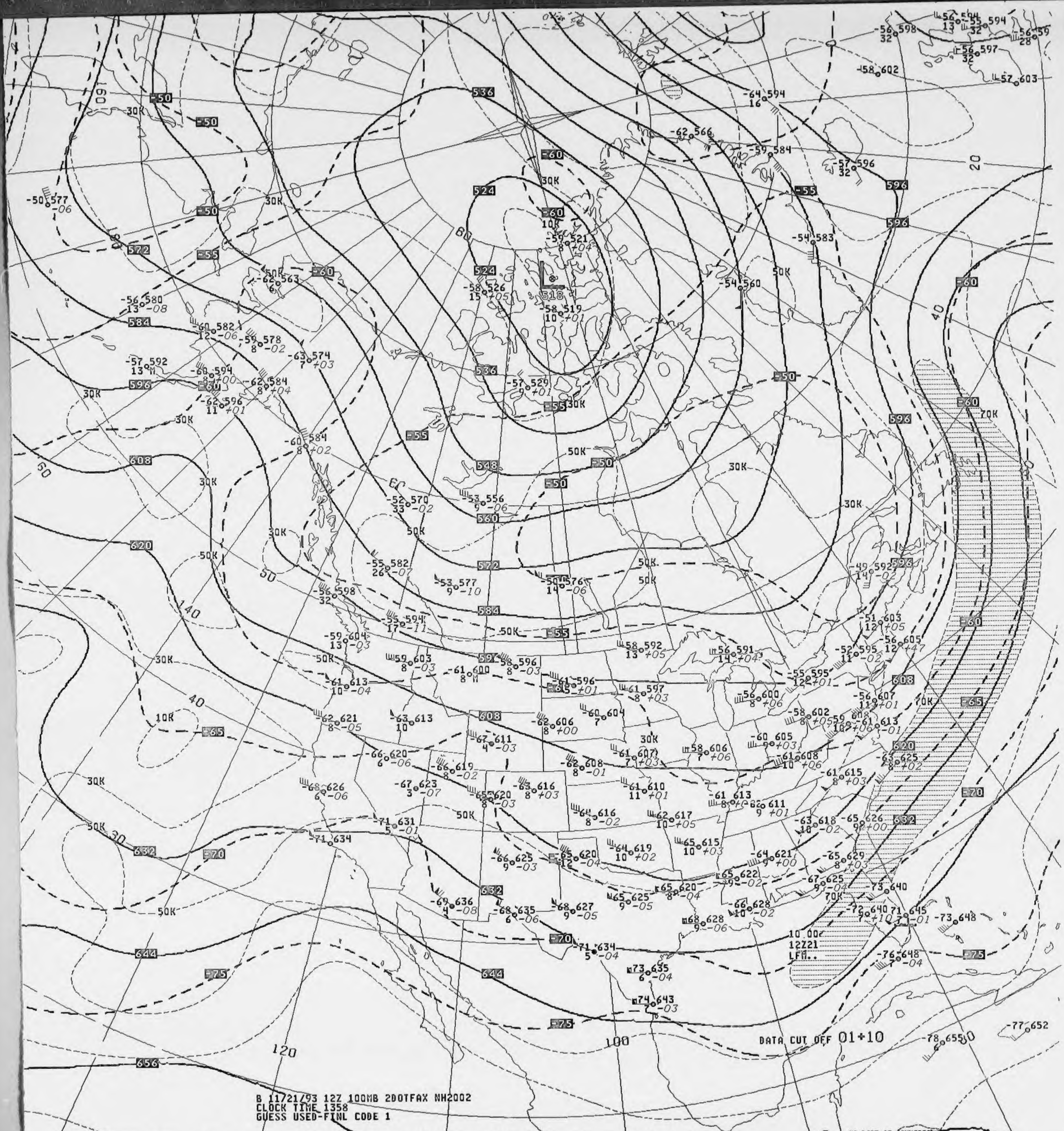
30

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 21 NOV 93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-60
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-70
-75
30K
50K
70K
10K
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50
40
30
20
140
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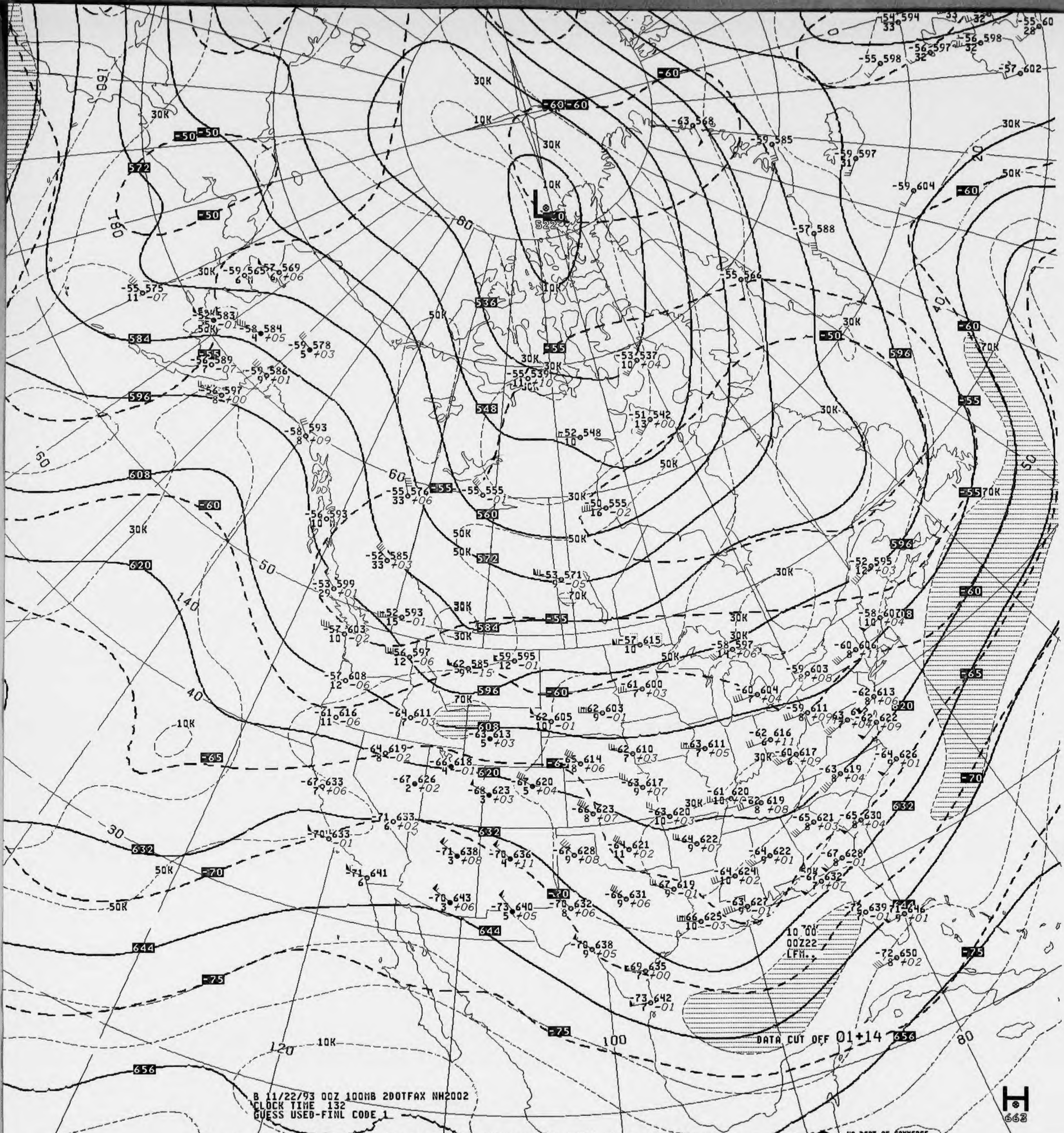
100
80
DATA CUT OFF 01+10
10.00E
12Z21
LFM..

B 11/21/93 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1358
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 21 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
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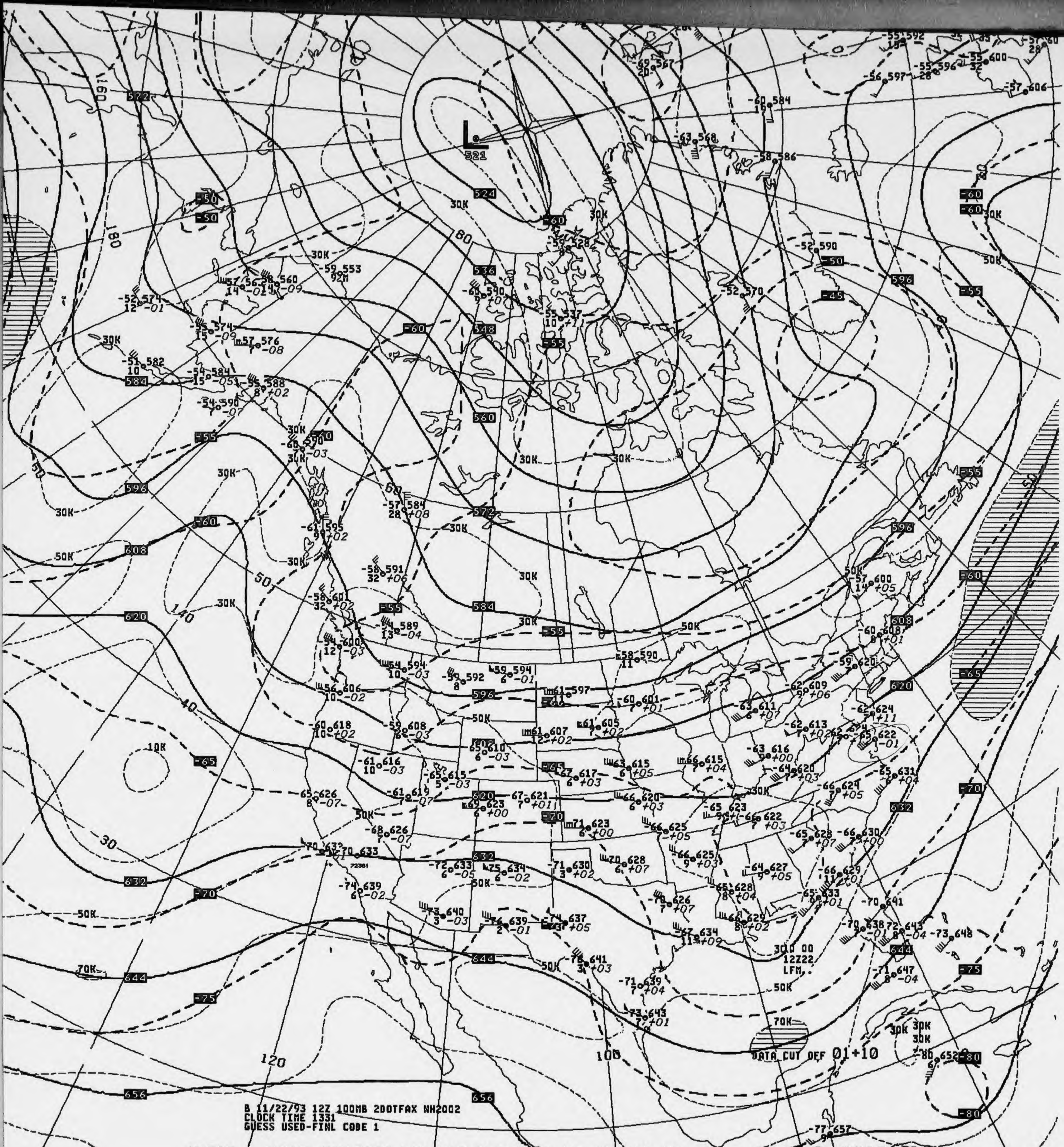
-50
-55
-60
-65
-70
-75
10K
30K
50K
70K
20
40
50
60
80
100
120
140
160
180
10 00
00Z22
LFM.

B 11/22/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 132
GUESS USED-FINL CODE 1

DATA CUT OFF 01+14

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 22 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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596
608
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644
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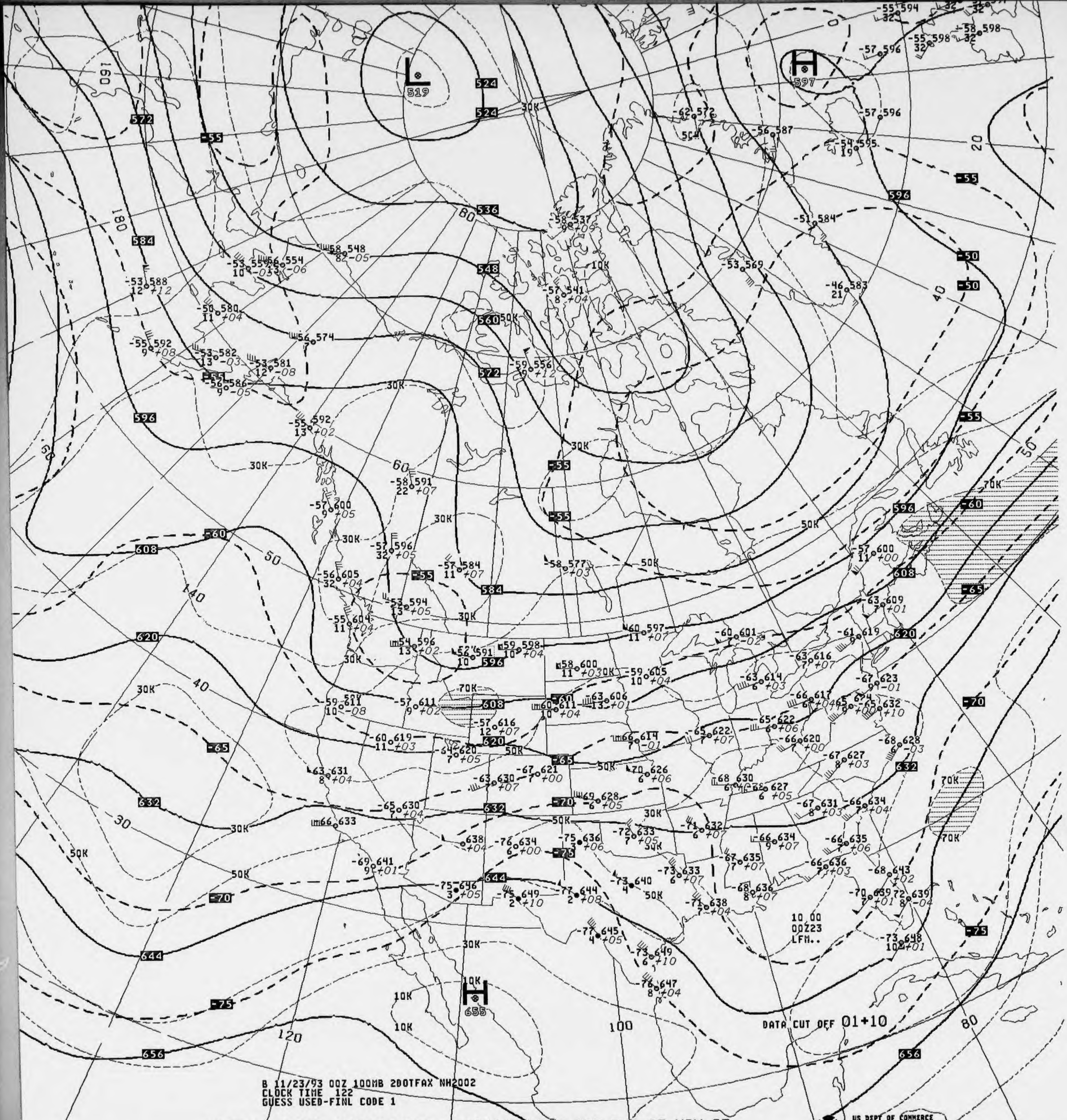
-70
-75
-80
-45
30K
50K
70K
10K
160
180
140
120
100
80
60
50
40
30
DATA CUT OFF 01+10
300 00
12222
LFM..

B 11/22/93 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1331
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 22 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
519
H
597
H
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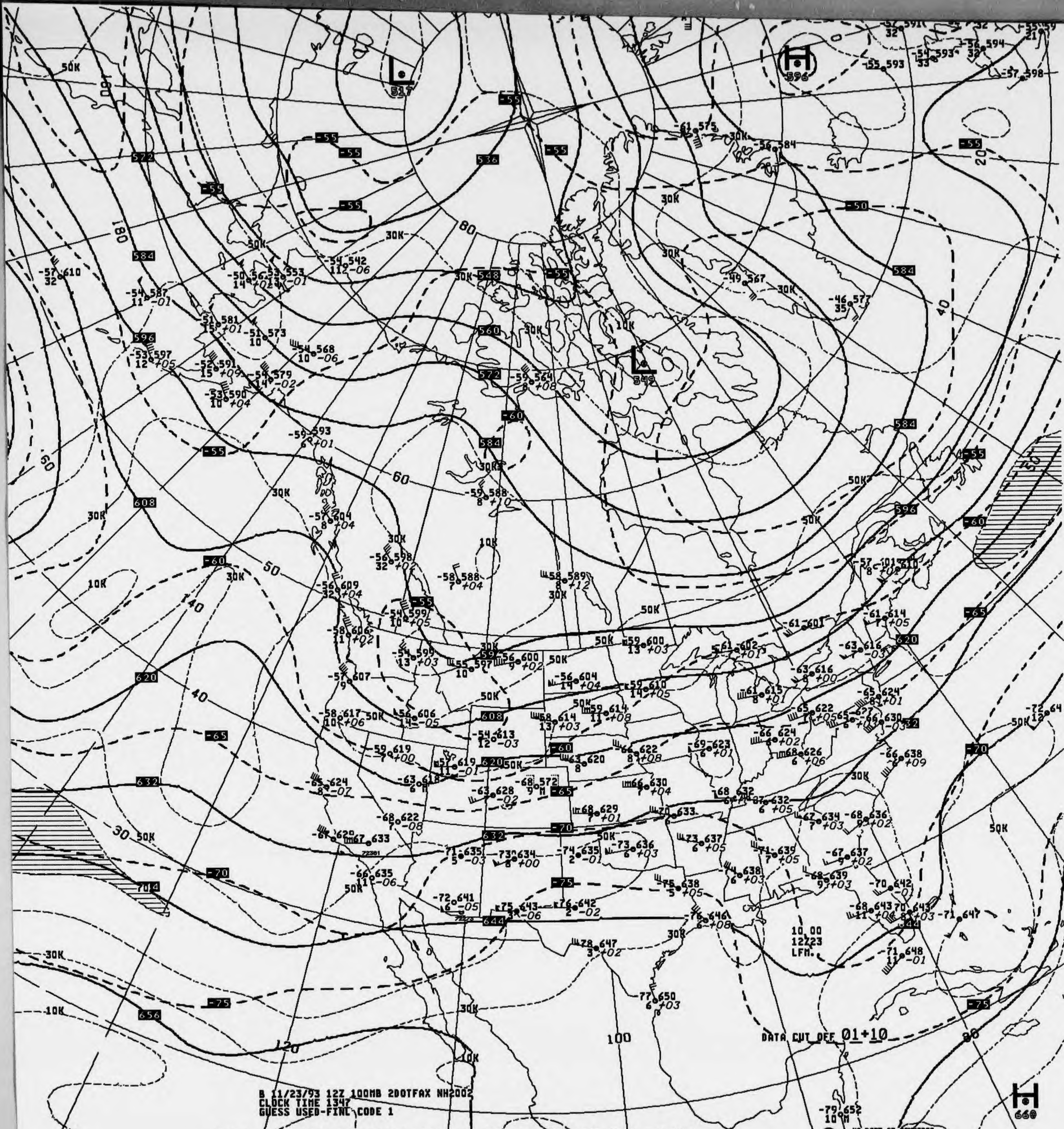
524
536
548
560
572
584
596
608
620
632
644
656
-50
-55
-60
-65
-70
-75
30K
50K
70K
10K
180
160
140
120
100
80
60
50
40
30
20
0
DATA CUT OFF 01+10
10.00
00Z23
LFM..

B 11/23/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 122
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 23 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
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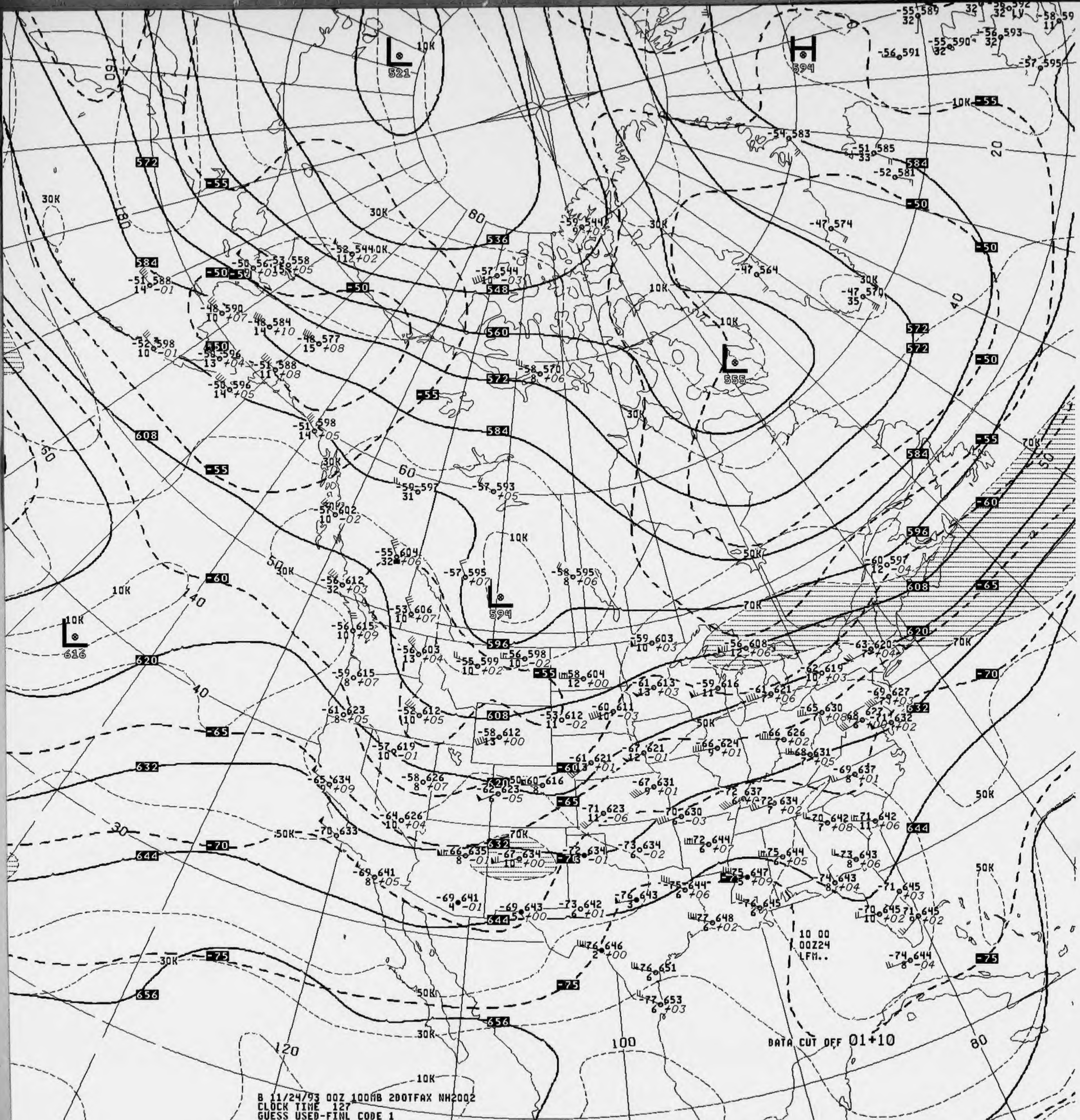
-70
-75
80
60
50
40
140
120
100
30
20
180
30K
50K
10K
10.00
12Z23
LFM.

DATA CUT OFF 01+10

B 11/23/93 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1347
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 23 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 594
L 555
L 594
L 616
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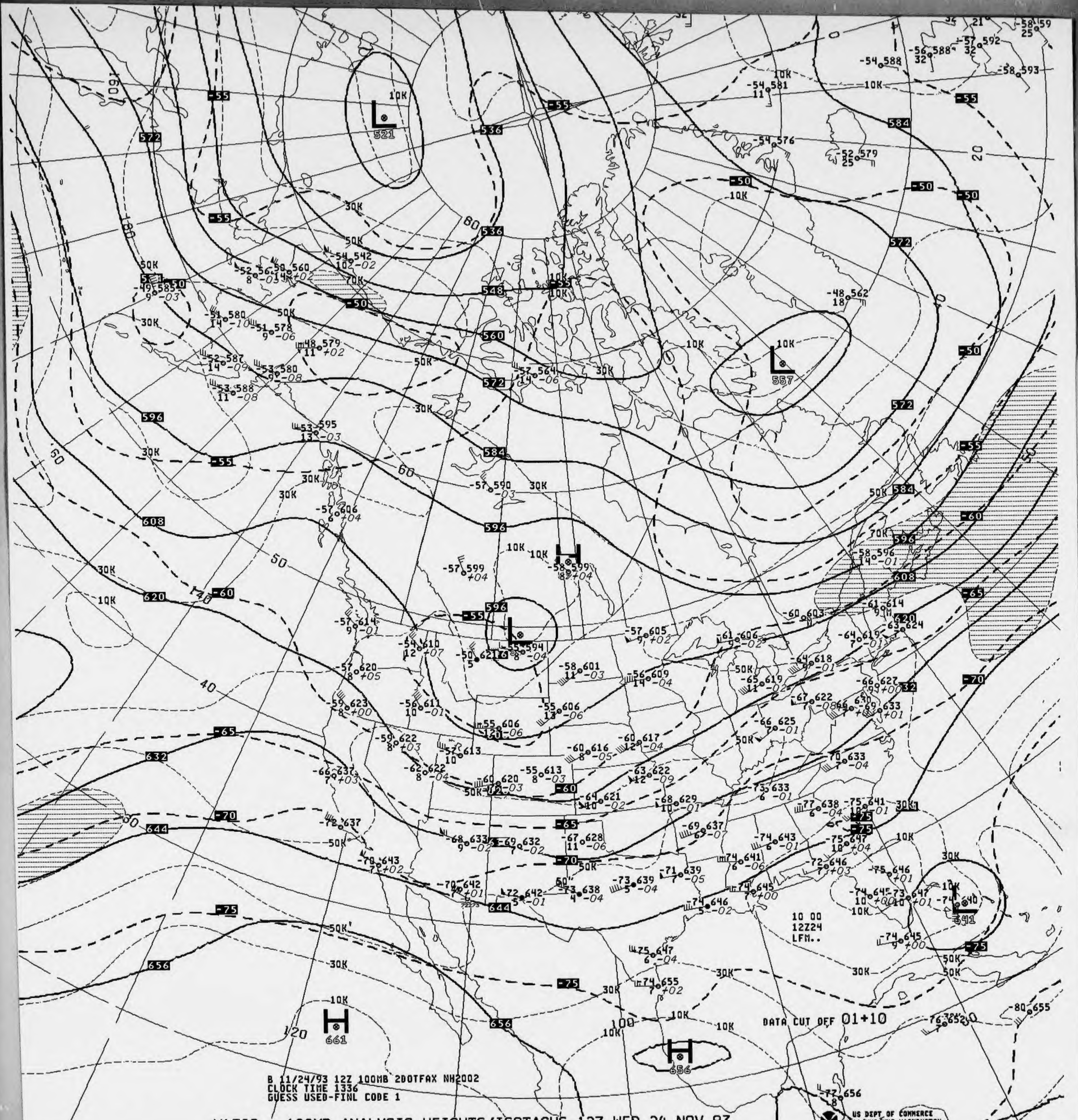
30K
50K
70K
572
584
536
548
560
596
608
620
632
644
656
-50
-55
-60
-65
-70
-75
20
40
50
60
80
100
120
140
160
180
DATA CUT OFF 01+10
10 00
00Z24
LFM..
B 11/24/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 24 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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L 557
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H 661
H 656
H 599
536
548
560
572
584
596
608
620
632
644
656
-50
-55
-60
-65
-70
-75
10K
30K
50K
70K
DATA CUT OFF 01+10
10 00
12Z24
LFM..

B 11/24/93 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1336
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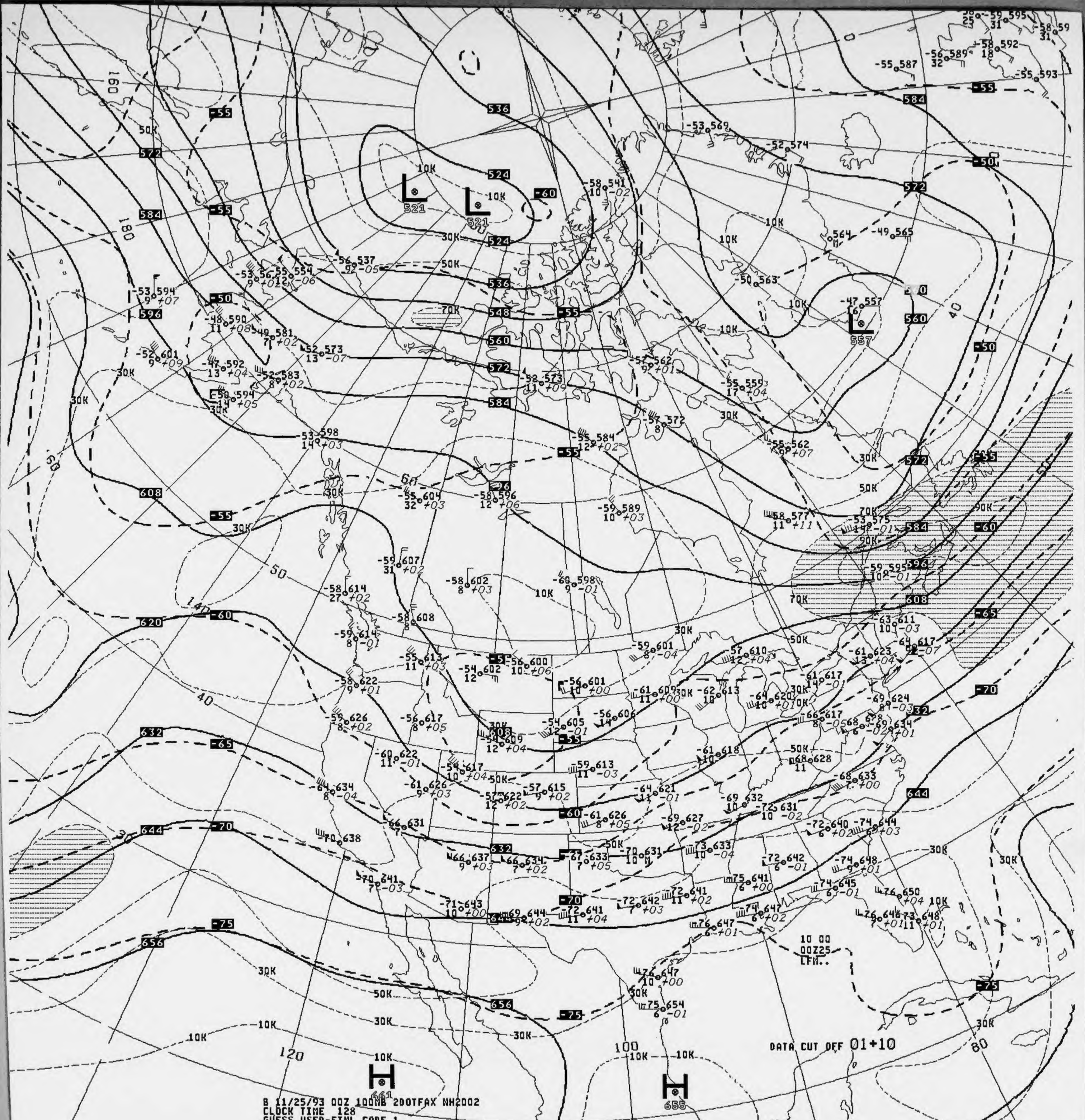
V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 24 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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560
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584
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656
-50
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-60
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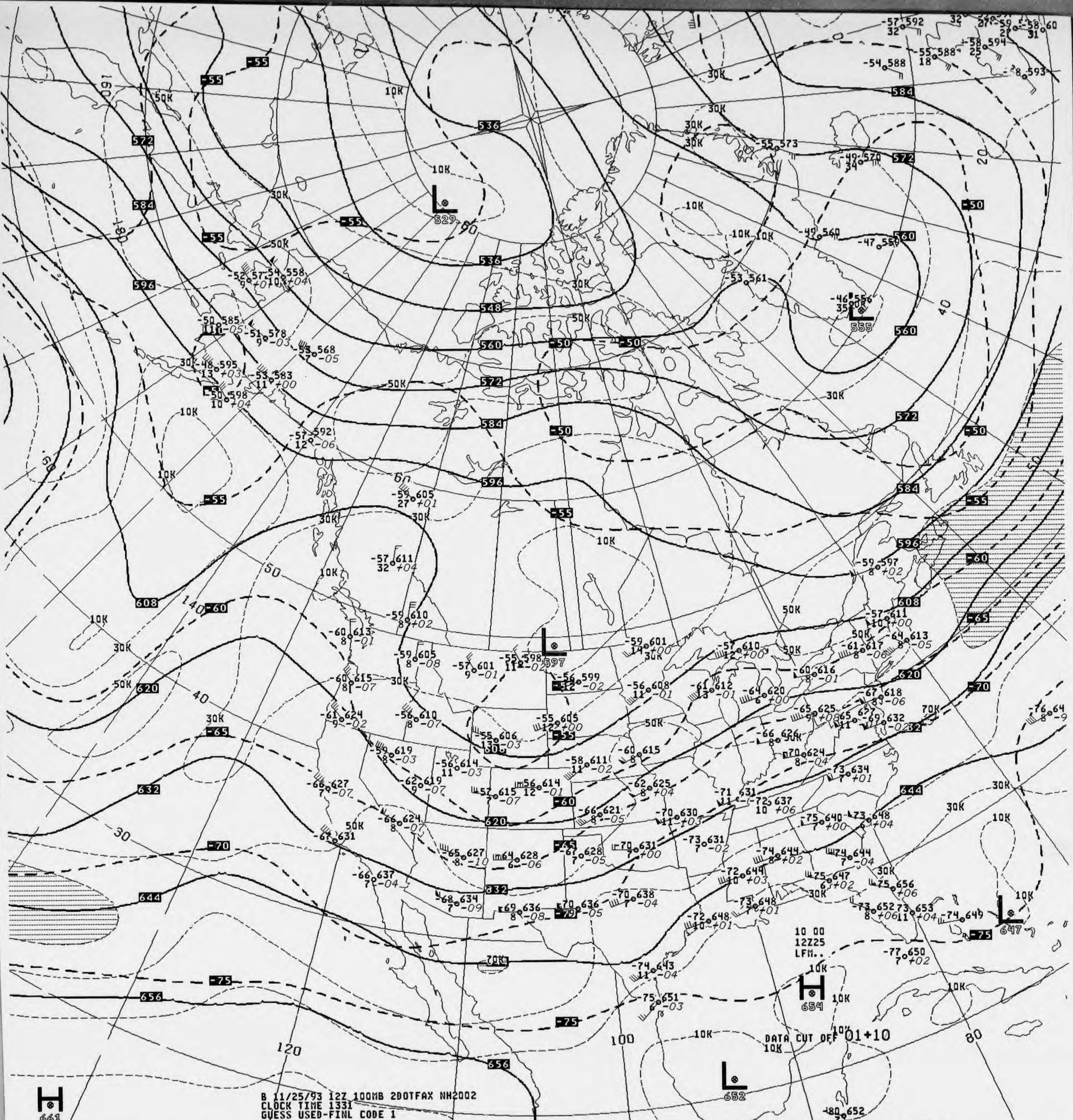
L 521
L 521
L 557
H 661
H 655
10K
30K
50K
70K
90K
160
180
120
100
80
60
40
50
140
10 00
00Z25
LFM..

DATA CUT OFF 01+10

B 11/25/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 128
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 25 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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608
620
632
644
656
-50
-55
-60
-65
-70
-75
10K
30K
50K
70K
180
160
140
120
100
80
60
50
40
30
20

10 00
12Z25
LFM..

DATA CUT OFF 01+10

B 11/25/93 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1331
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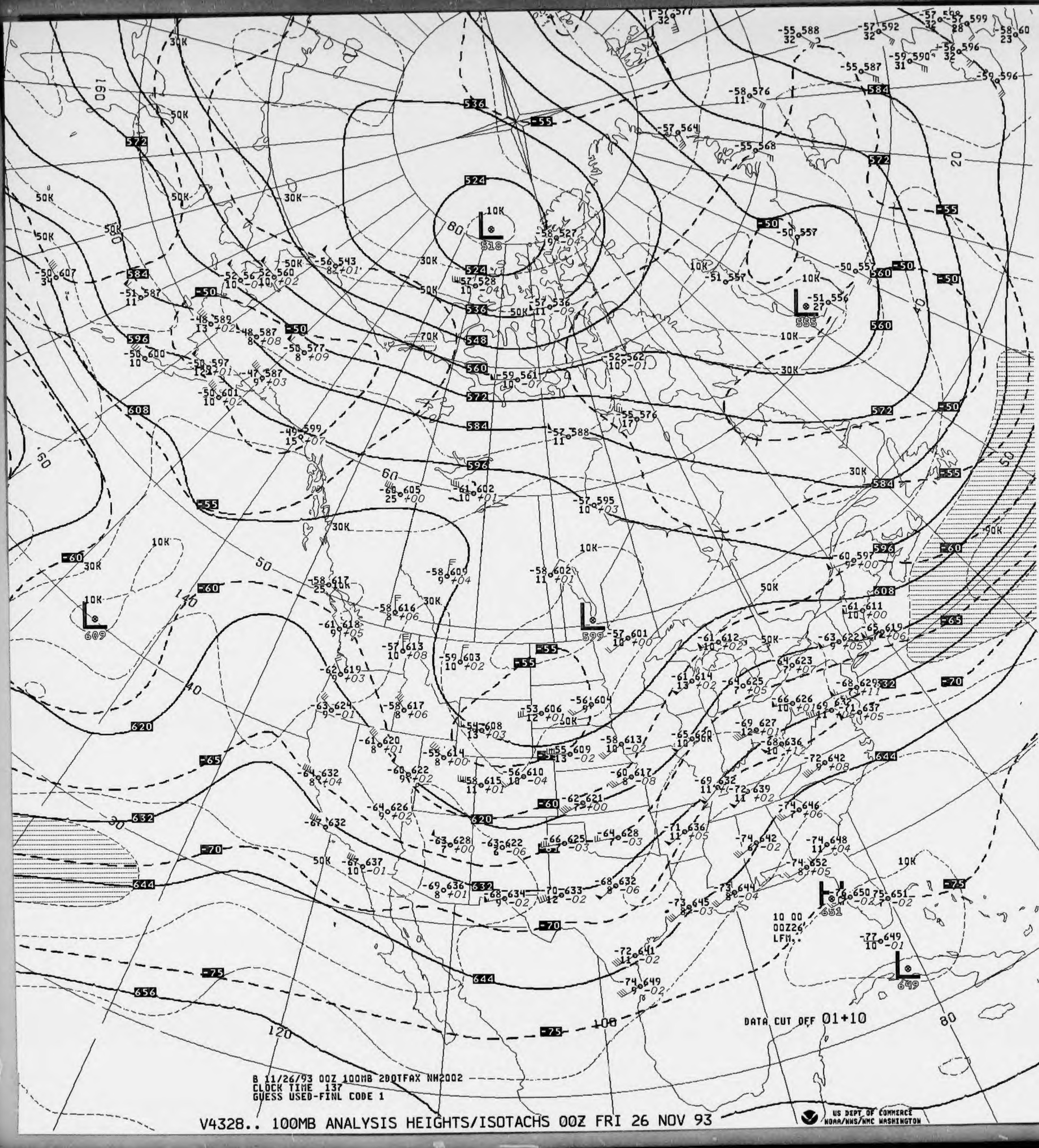
V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 25 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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-55
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-65
-70
-75
10K
30K
50K
70K
90K
20
40
50
60
80
100
120
140
160

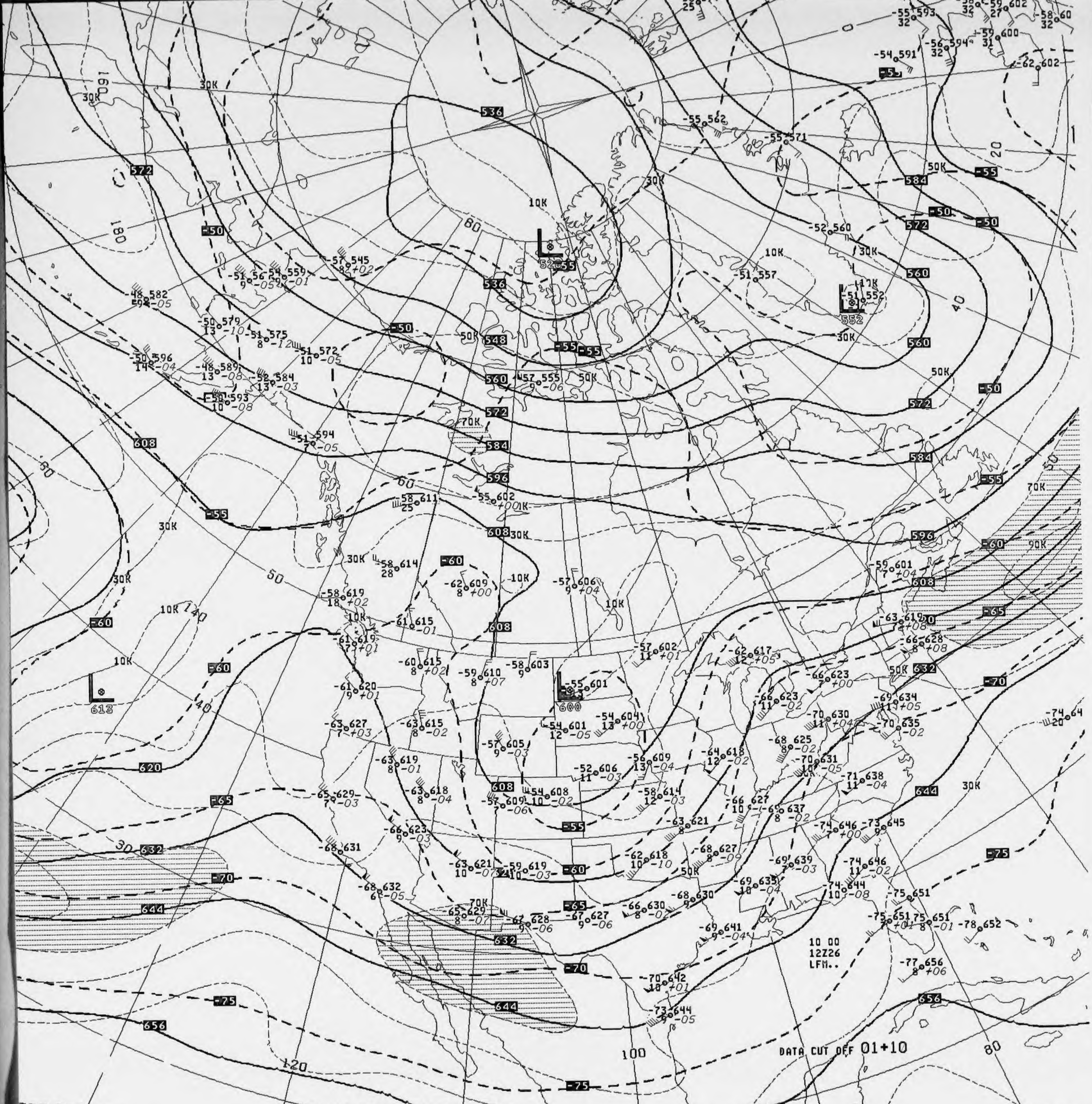
DATA CUT OFF 01+10

10 00
00Z26
LFM..

B 11/26/93 00Z 100MB 200TFAX NH2002
CLOCK TIME 137
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 26 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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-50
-55
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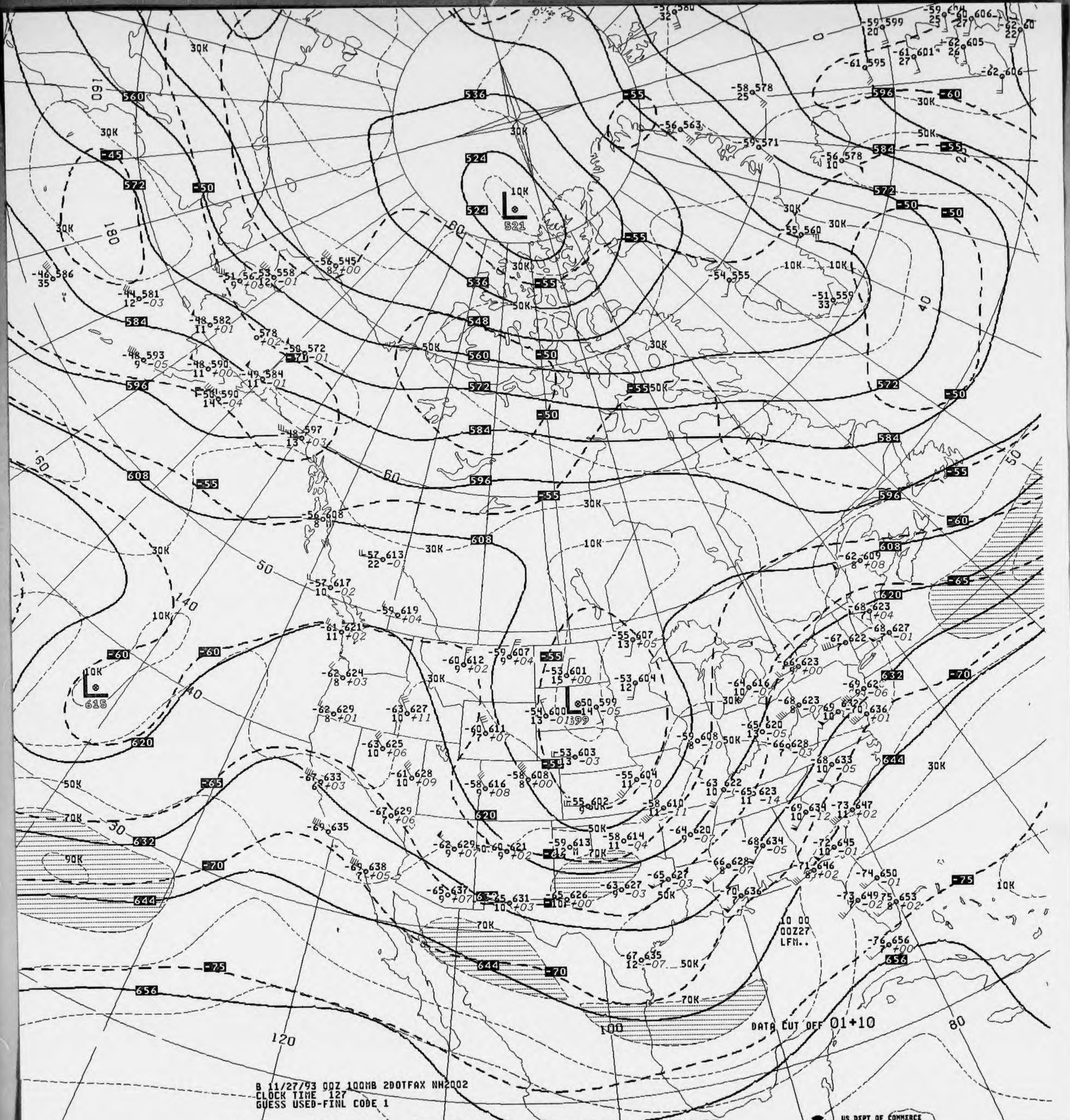
50K
70K
90K
DATA CUT OFF 01+10
10 00
12Z26
LFM..
120
100
80
180
160
140
60
50
40
30
20

B 11/26/93 12Z 100MB 200TFAX NH2002
CLOCK TIME 1323
GUESS USED-FINL CODE 1

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 26 NOV 93



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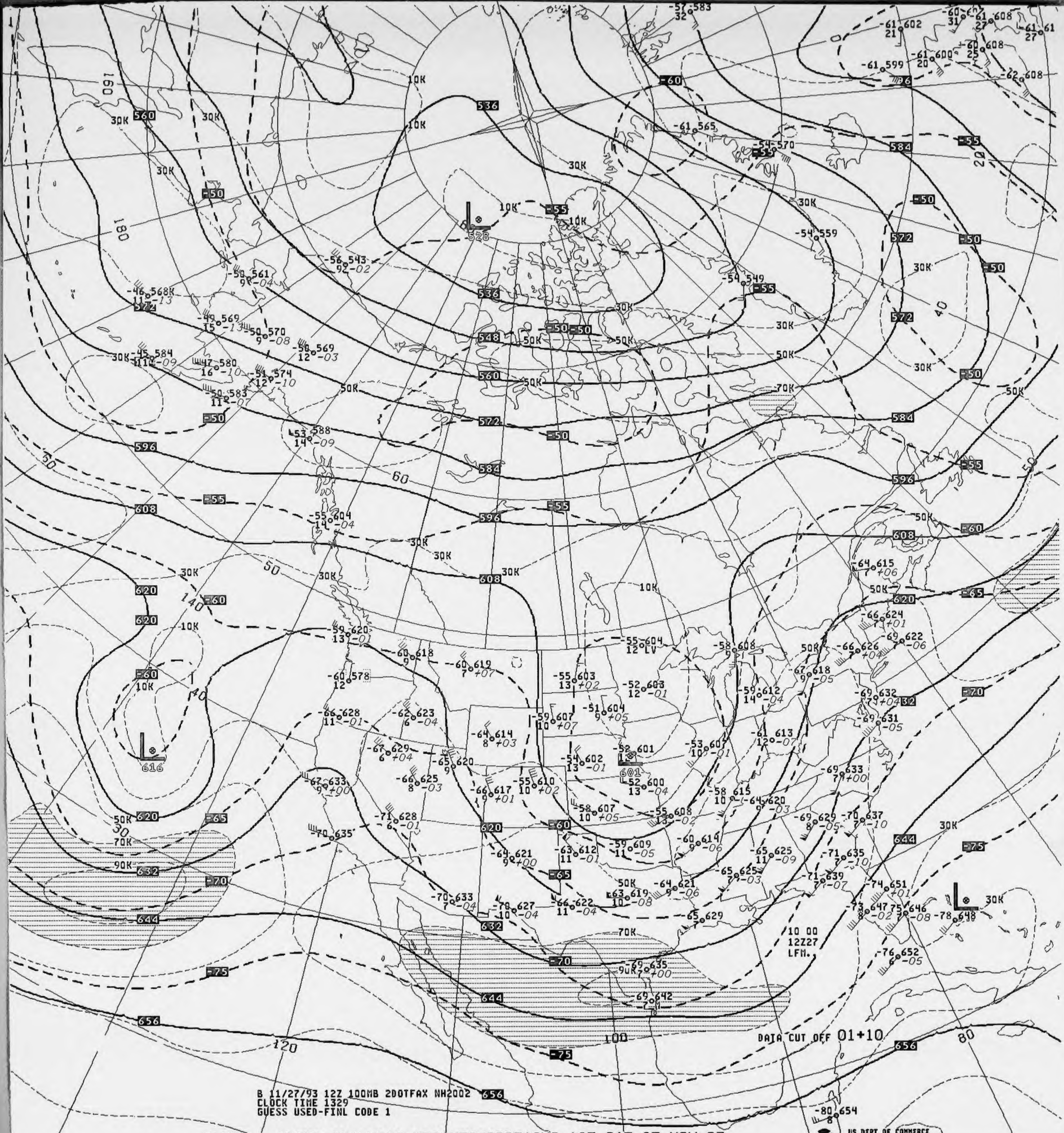
-70
-75
10K
30K
50K
70K
90K
160
180
140
120
100
80
60
50
40
30
10 00
00Z27
LFM..
DATA CUT OFF 01+10
B 11/27/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 127
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 27 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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572
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596
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616
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-50
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-70
-75
10K
30K
50K
70K
90K
160
180
140
120
100
80
60
50
40
30
20
10 00
12Z27
LFM.
DATA CUT OFF 01+10
B 11/27/93 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1329
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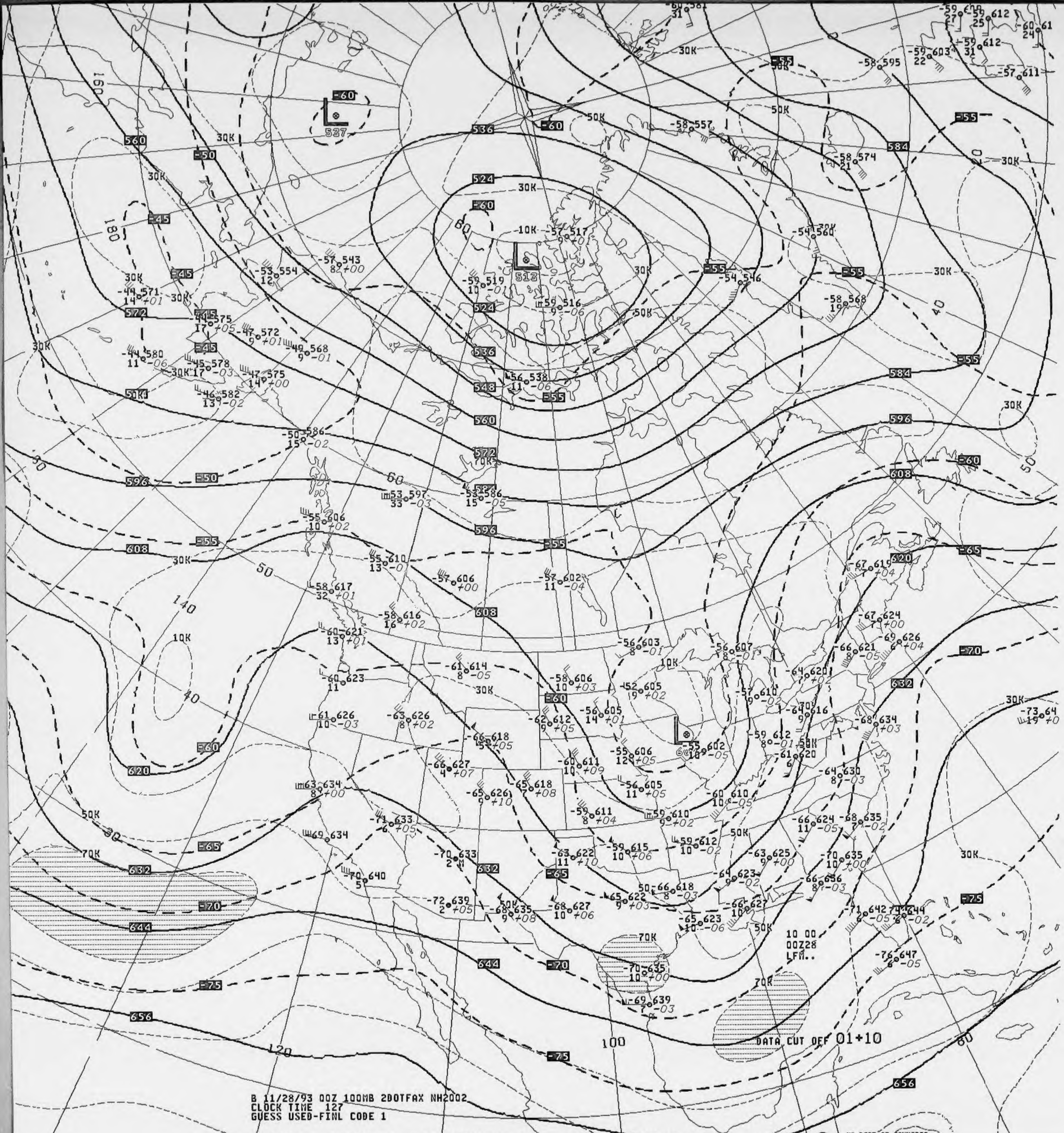
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 27 NOV 93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512
524
536
548
560
572
584
596
608
620
632
644
656
-45
-50
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-60
-65
-70
-75
10K
30K
50K
70K
40
50
60
80
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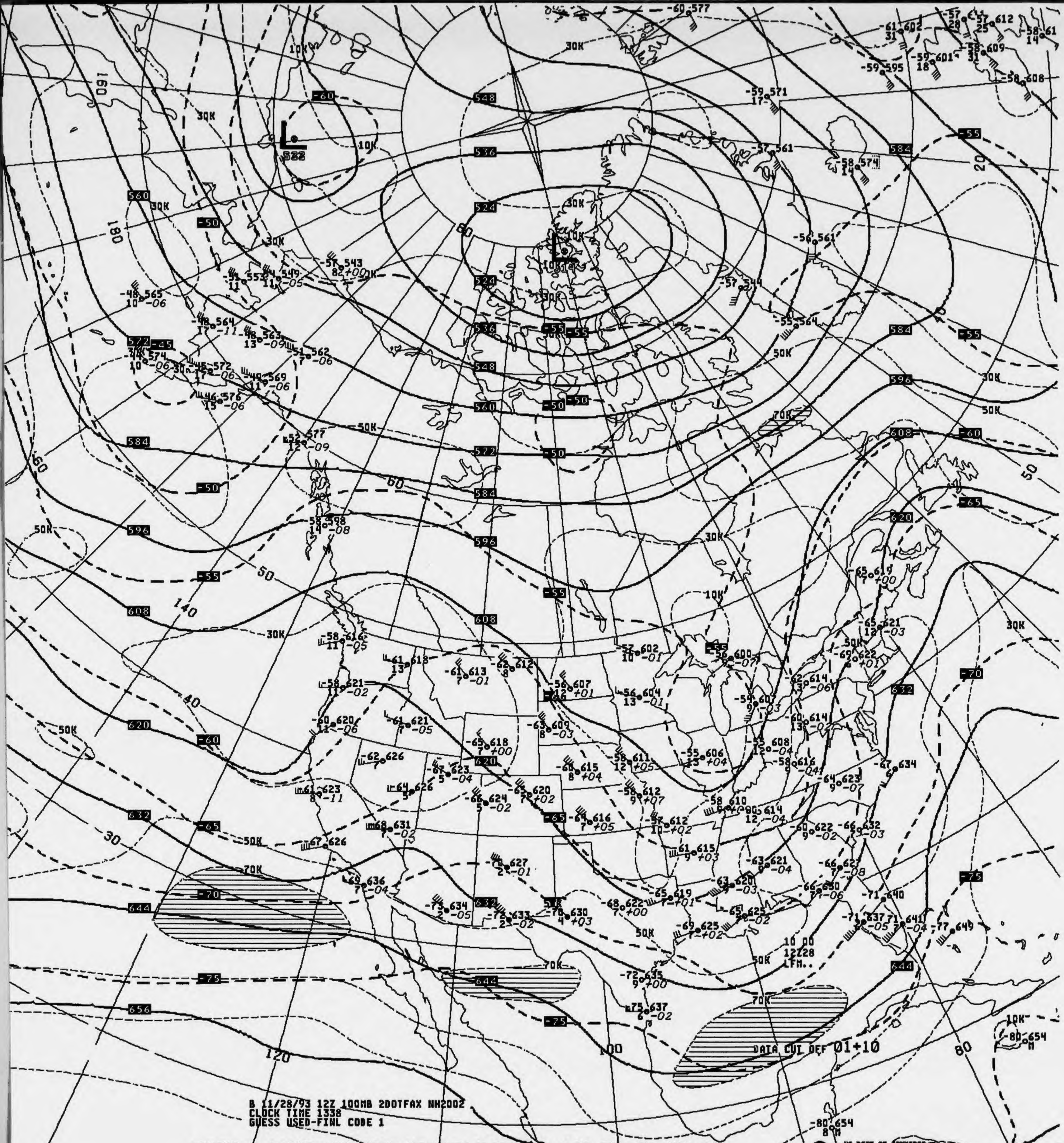
180

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 28 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 1338
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LFM..
L
522
L
514
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536
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560
572
584
596
608
620
632
644
656
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-55
-60
-65
-70
-75
10K
30K
50K
70K
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180
140
120
100
80
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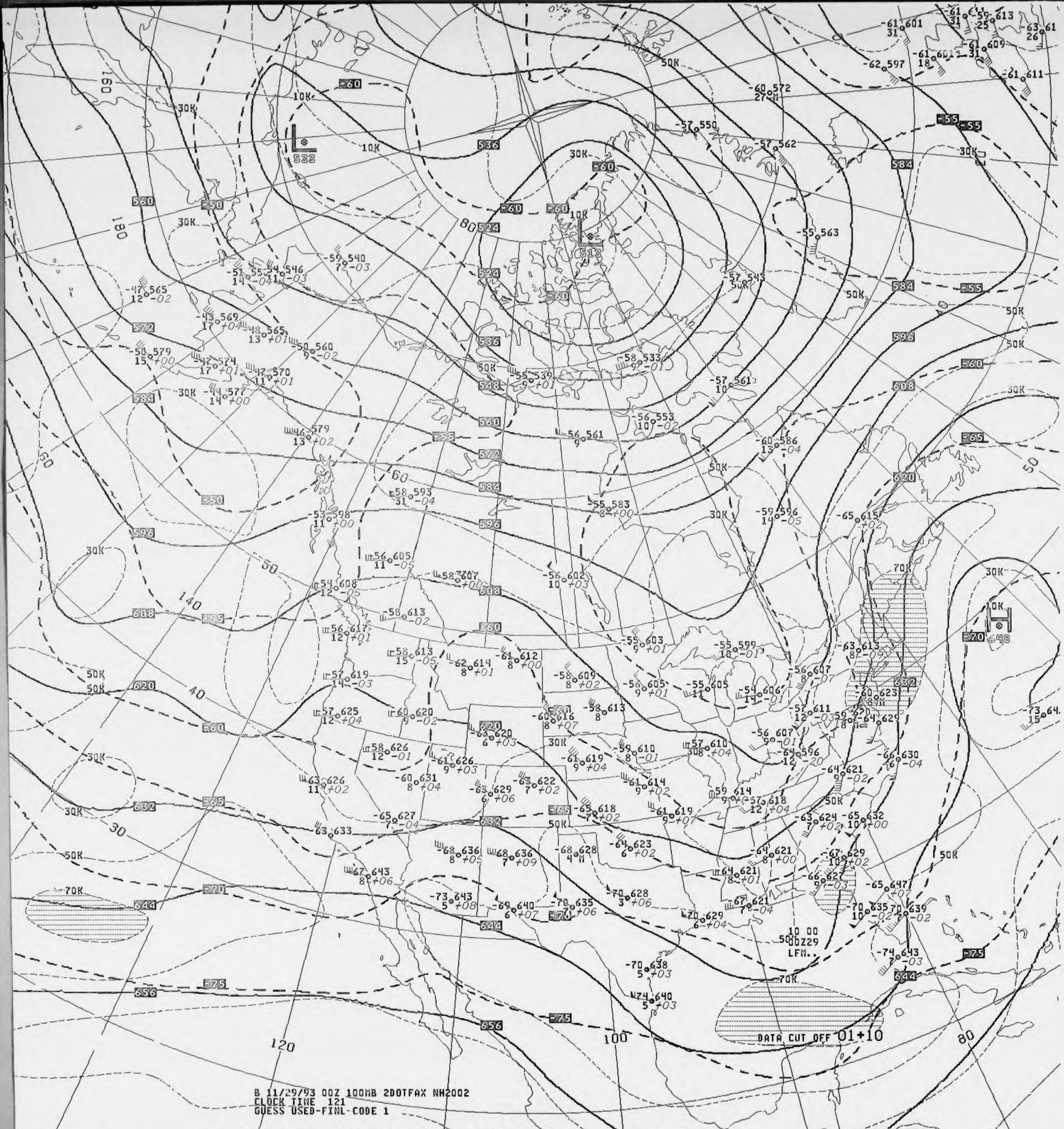
V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 28 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



DATA CUT OFF 01+10
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LFM..
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572
584
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608
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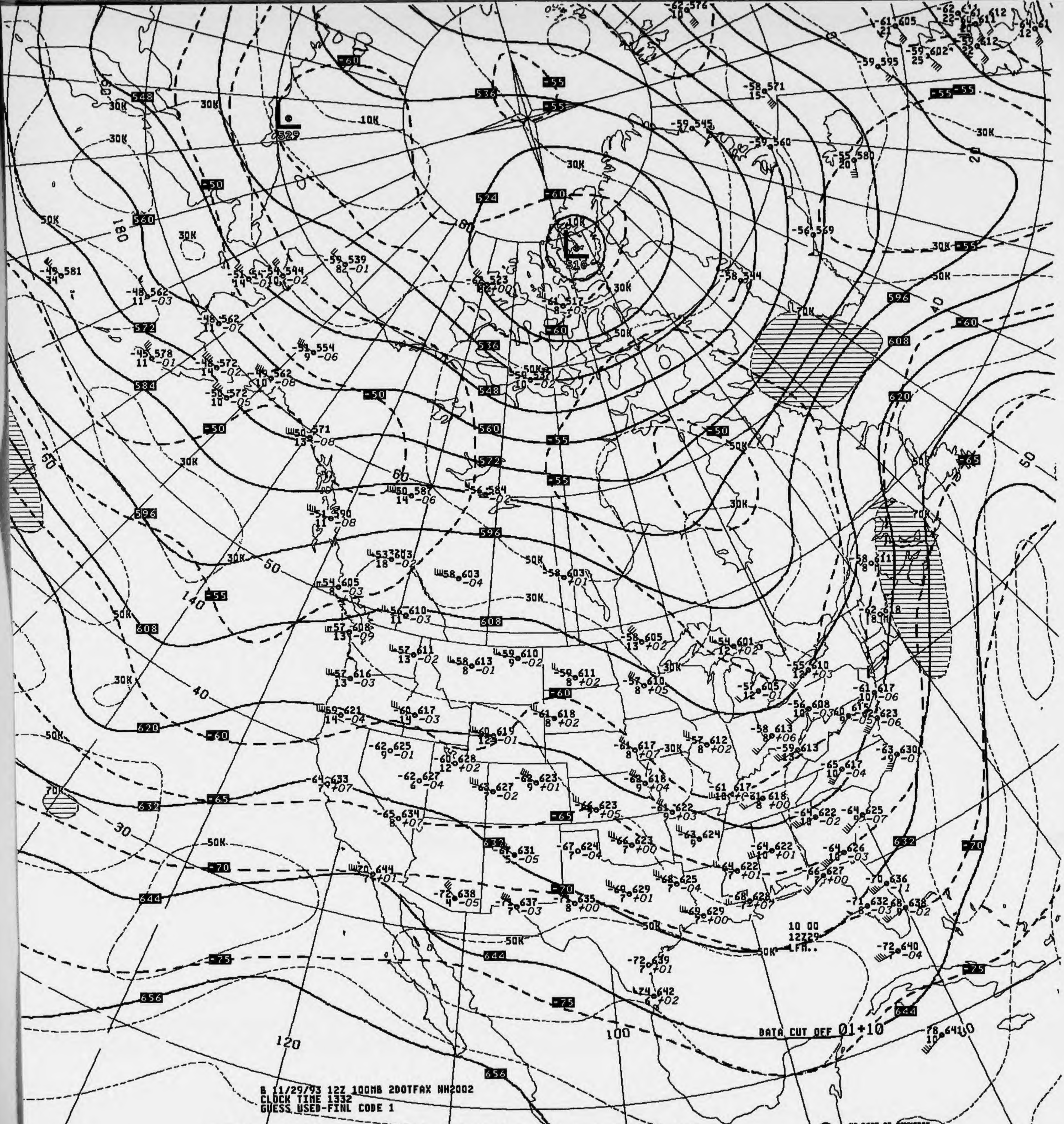
-50
-55
-60
-65
-70
-75
10K
30K
50K
70K
160
180
140
120
100
80
60
50
40
30

B 11/29/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 121
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 29 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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560
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584
596
608
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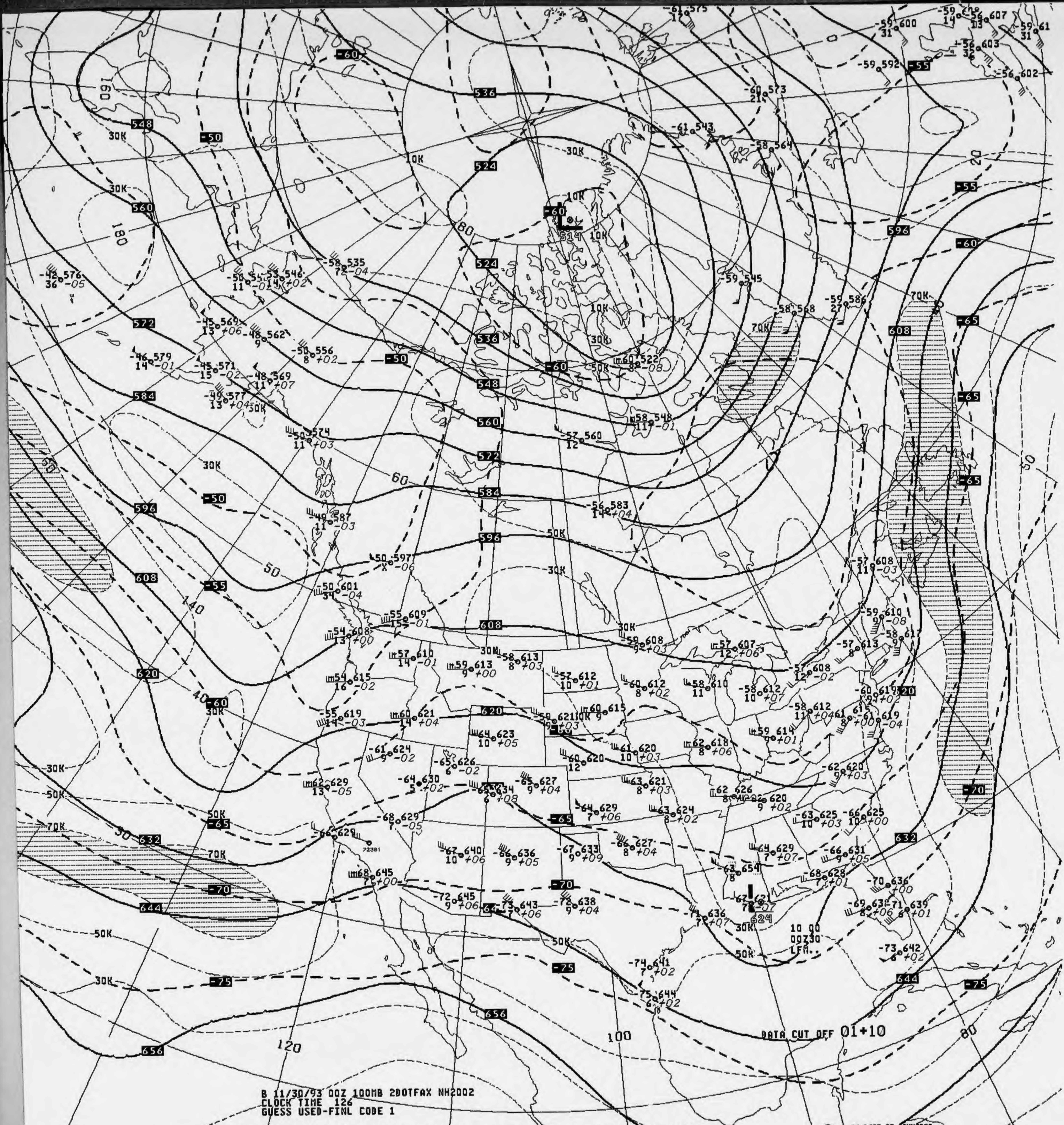
-60
-65
-70
-75
30K
50K
70K
10K
L
529
516
180
160
140
120
100
DATA CUT OFF 01+10
10 00
12Z29
LFM..

B 11/29/93 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1332
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 29 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/30/93 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 126
GUESS USED-FINL CODE 1
DATA CUT OFF 01+10
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00Z30
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
536
524
548
560
572
584
596
608
620
632
644
656
-50
-55
-60
-65
-70
-75
30K
50K
70K
10K
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140
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100
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60
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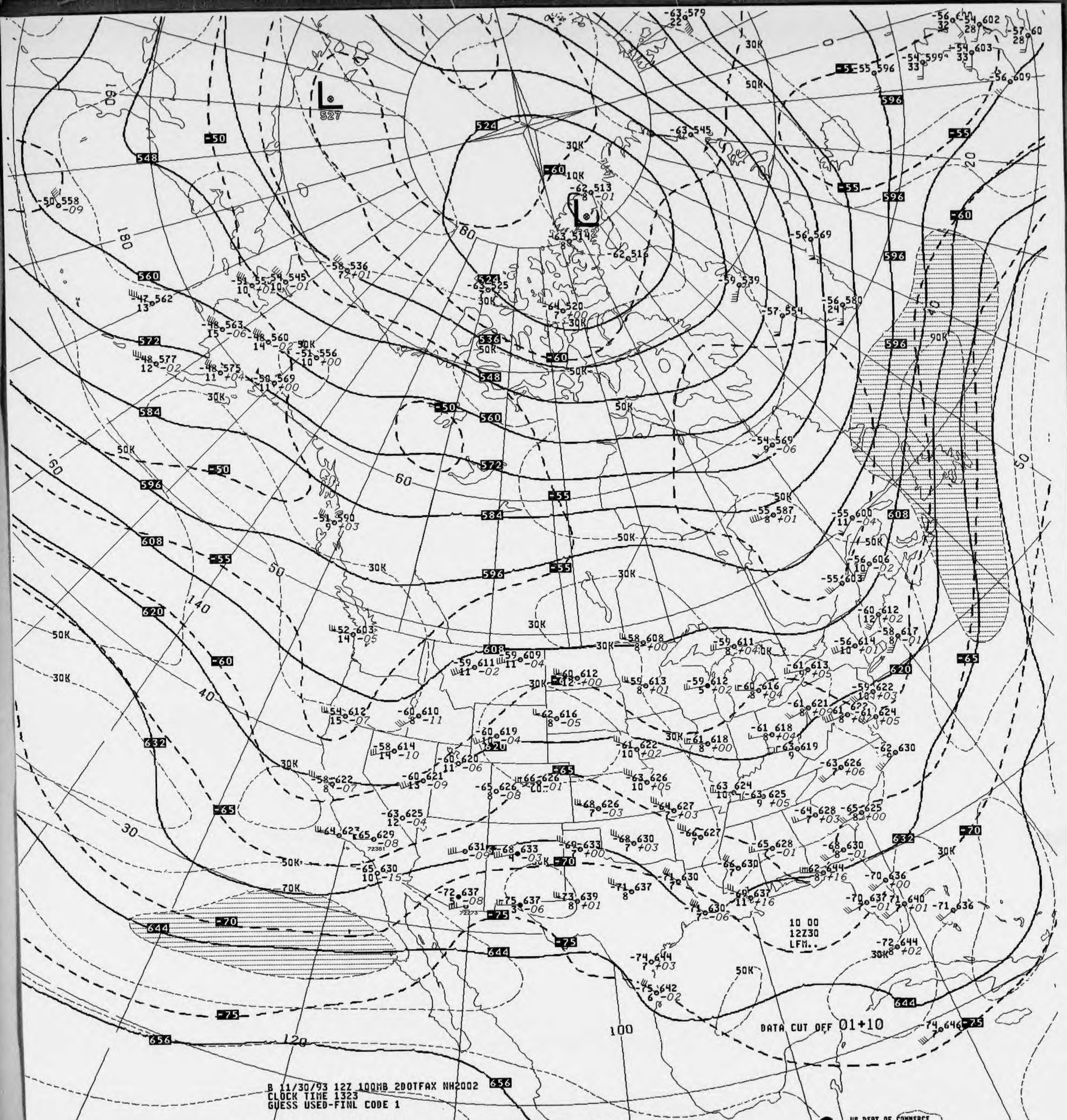
40
30
20

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 30 NOV 93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DATA CUT OFF 01+10
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12Z30
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
524
536
548
560
572
584
596
608
620
632
644
656
-50
-55
-60
-65
-70
-75
30K
50K
70K
90K
10K
160
180
140
120
100
60
50
40
30
20

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 30 NOV 93

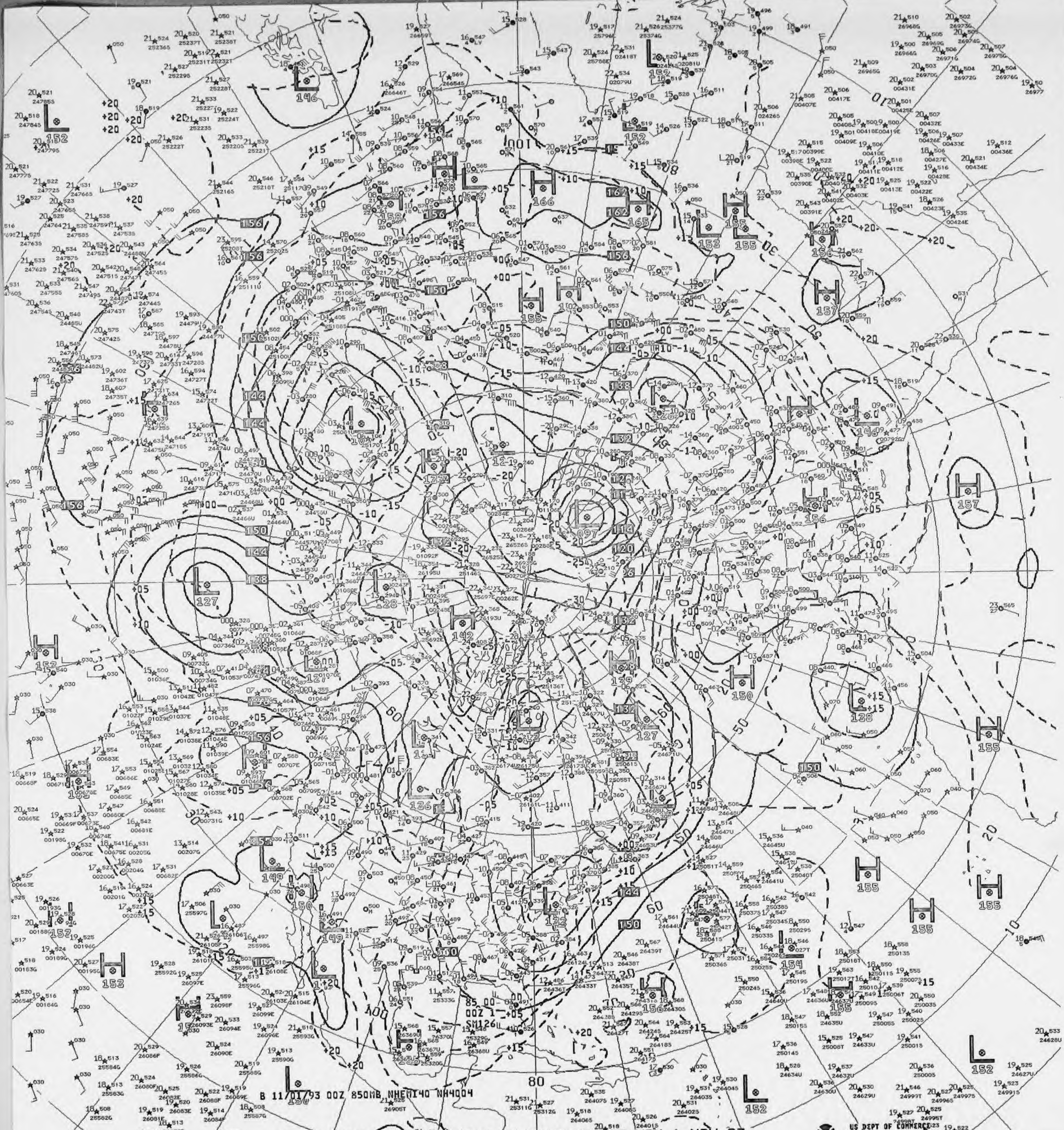
A Form 48 - 360B
8 - 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

850 MB CONSTANT PRESSURE CHARTS

NORTHERN HEMISPHERE NWP

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING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00Z 1
SM126
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100
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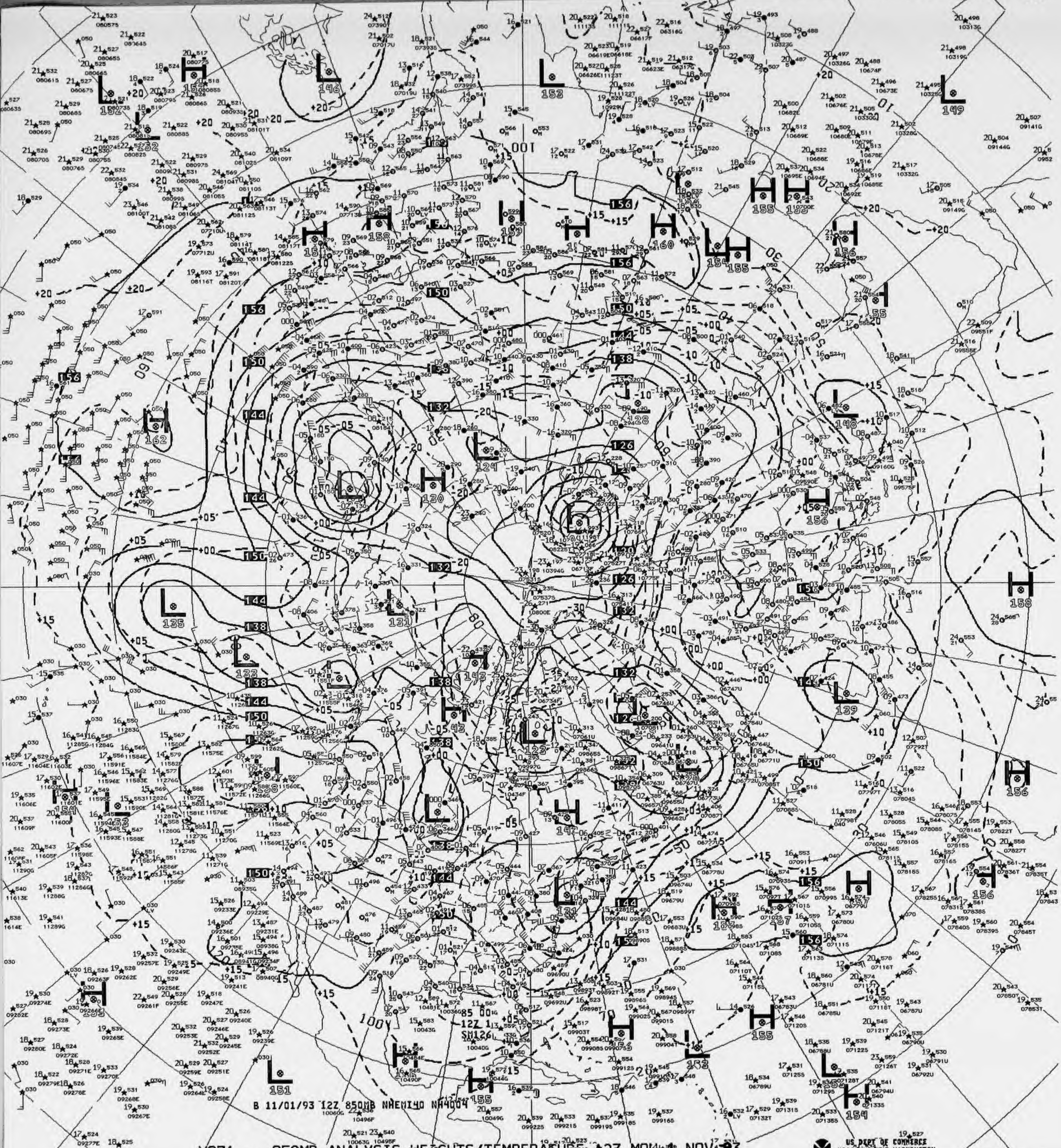
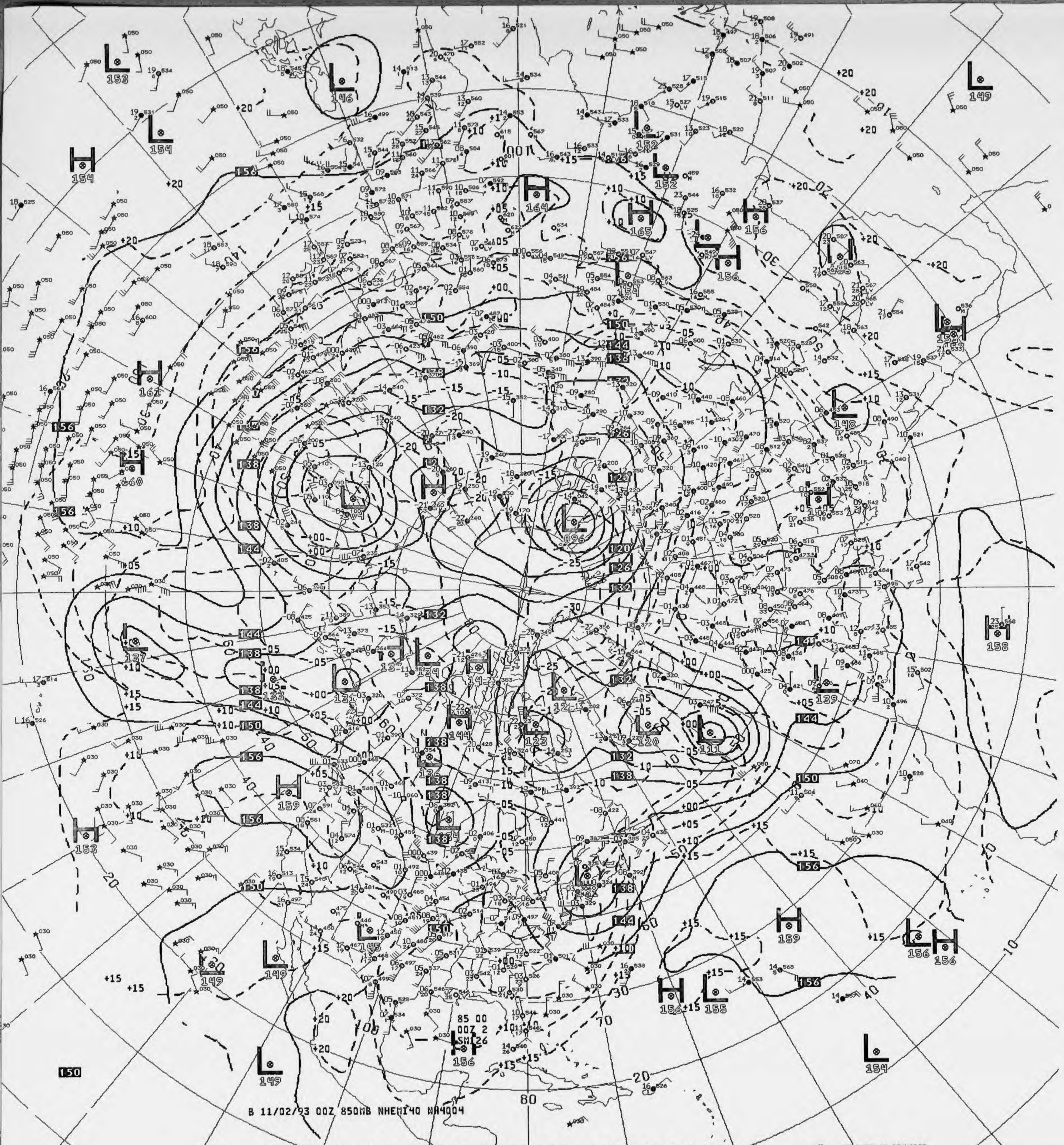
V821 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 1 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/01/93 12Z 850MB NHEMI40 NA4004

V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 1 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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85 00
00Z 2
SM126
L 146
L 152
L 154
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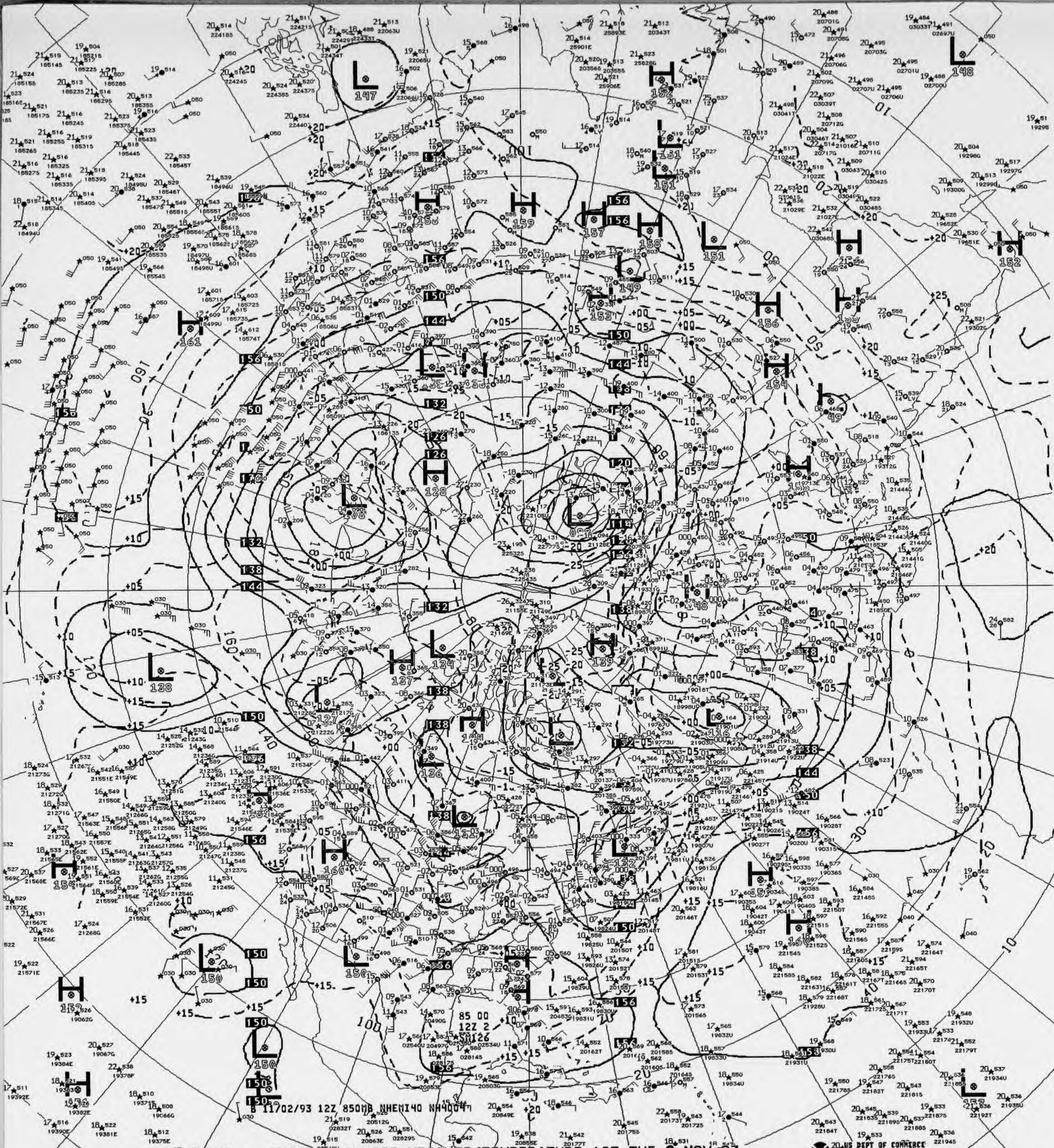
H 164
H 165
L 152
H 156
H 156
L 149
H 161
H 160
L 148
L 096
L 137
L 133
L 131
L 134
L 139
L 120
L 111
L 123
H 144
H 159
H 153
L 145
L 149
L 149
L 149
H 156
L 155
H 159
L 156
H 156
L 154
H 158
80

V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 2 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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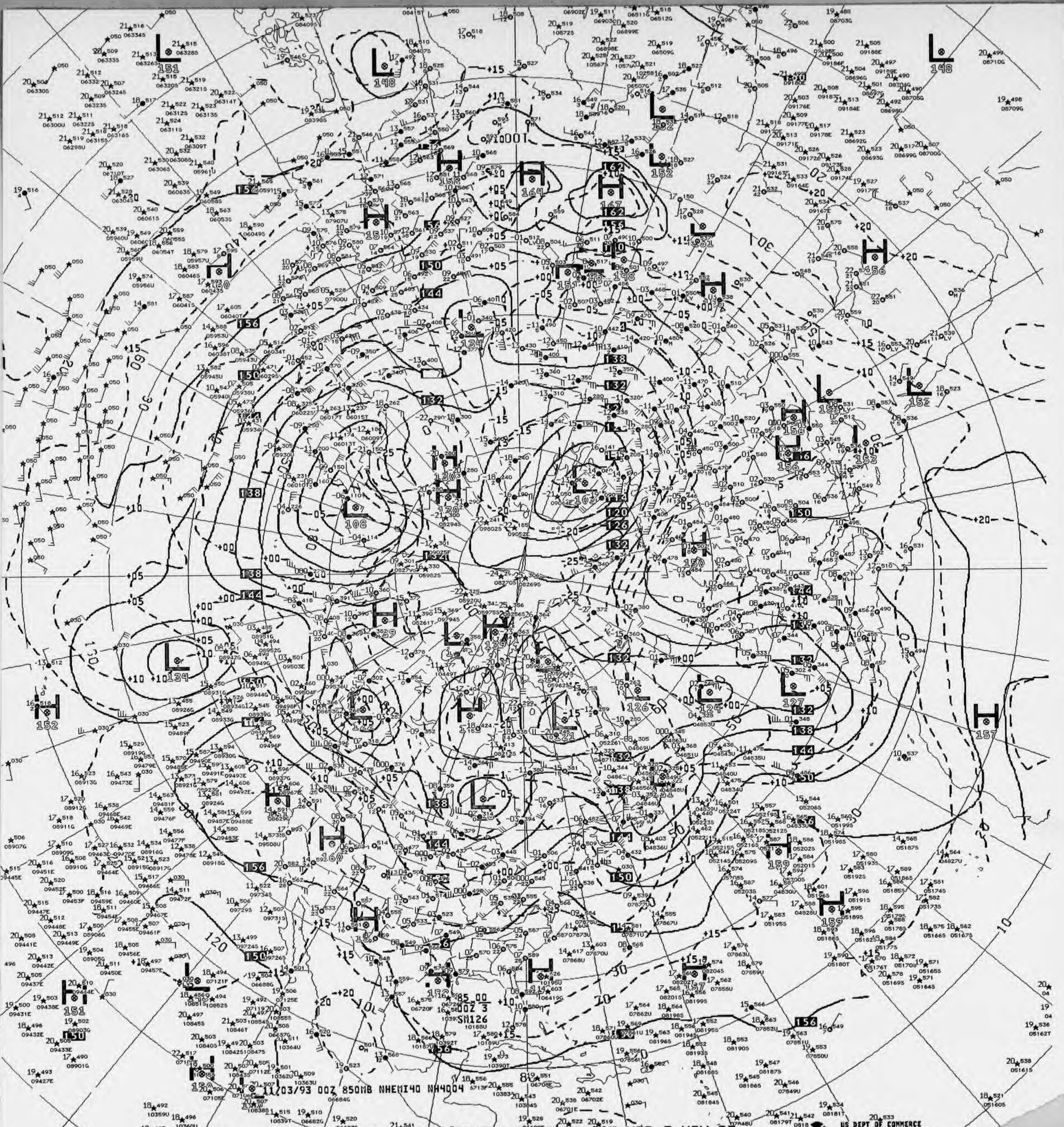
85 00
12Z 2

V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 2 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

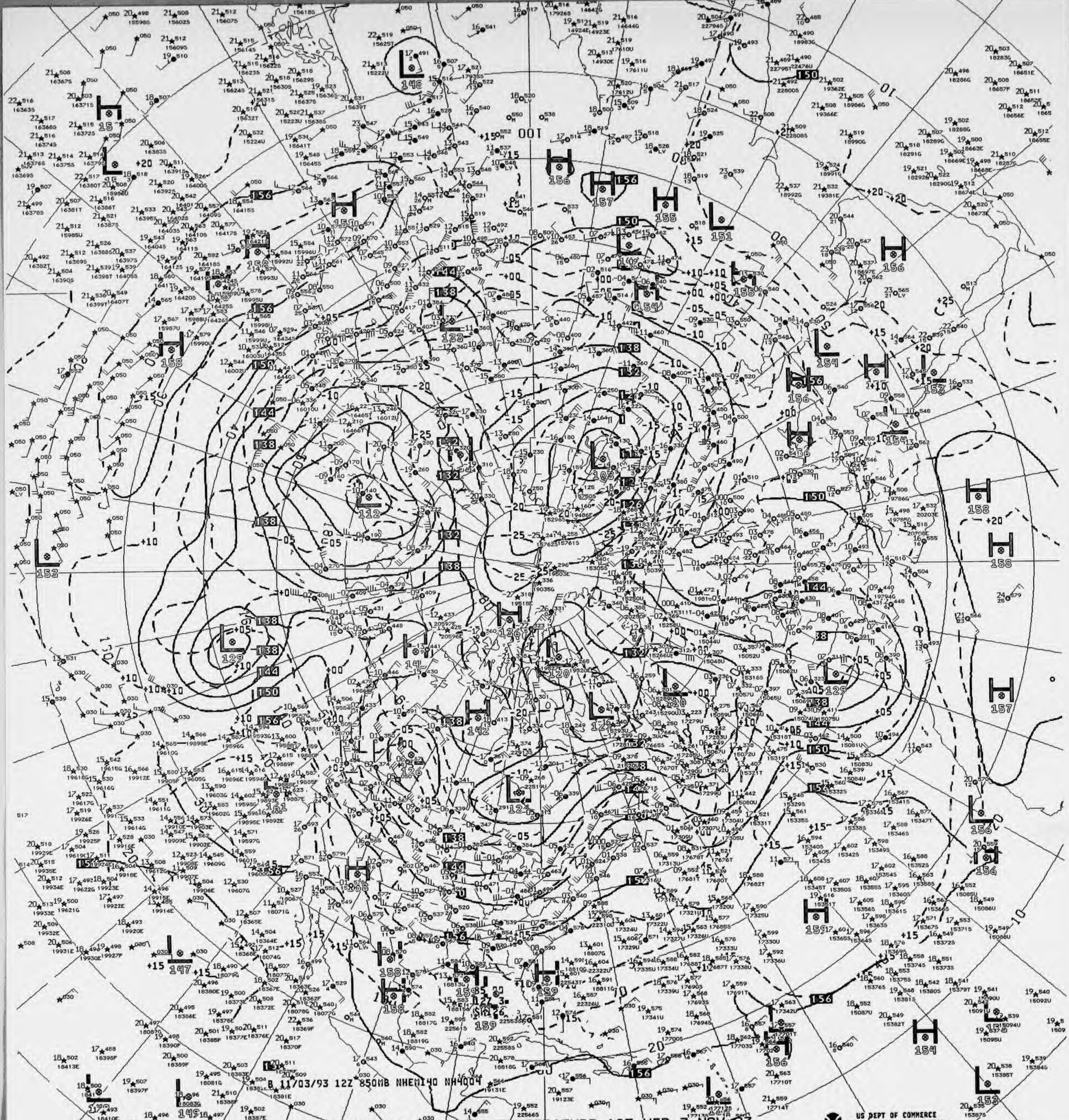


11/03/93 00Z 850MB NHEMI40 NA4004
850 00
00Z 3
SM126

V821 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 3 NOV 93

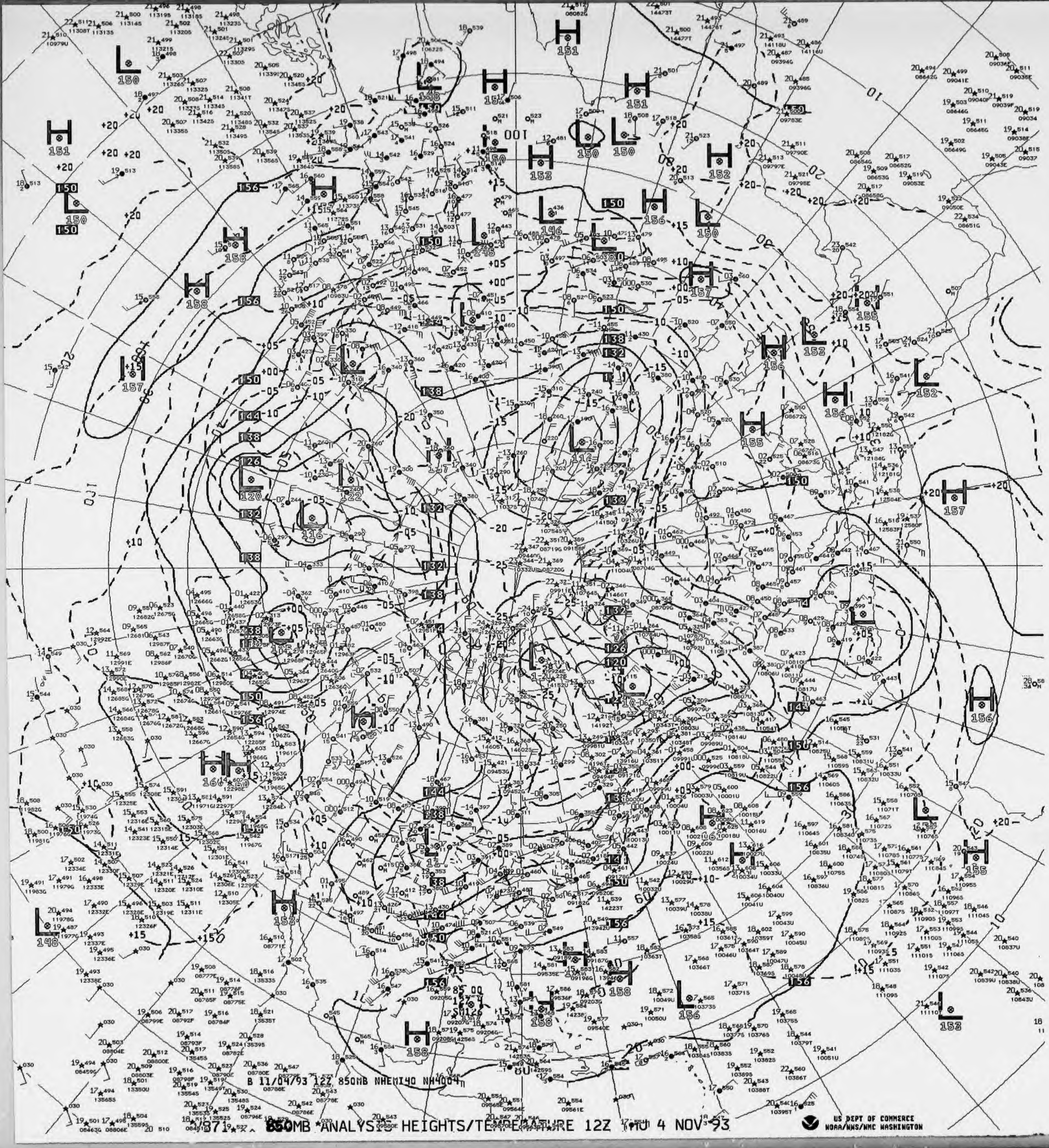
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

BEST AVAILABLE RECORD
DAMAGED DOCUMENT


B 11/03/93 12Z 850MB NHEMI40 NH4004

V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 3 NOV 93

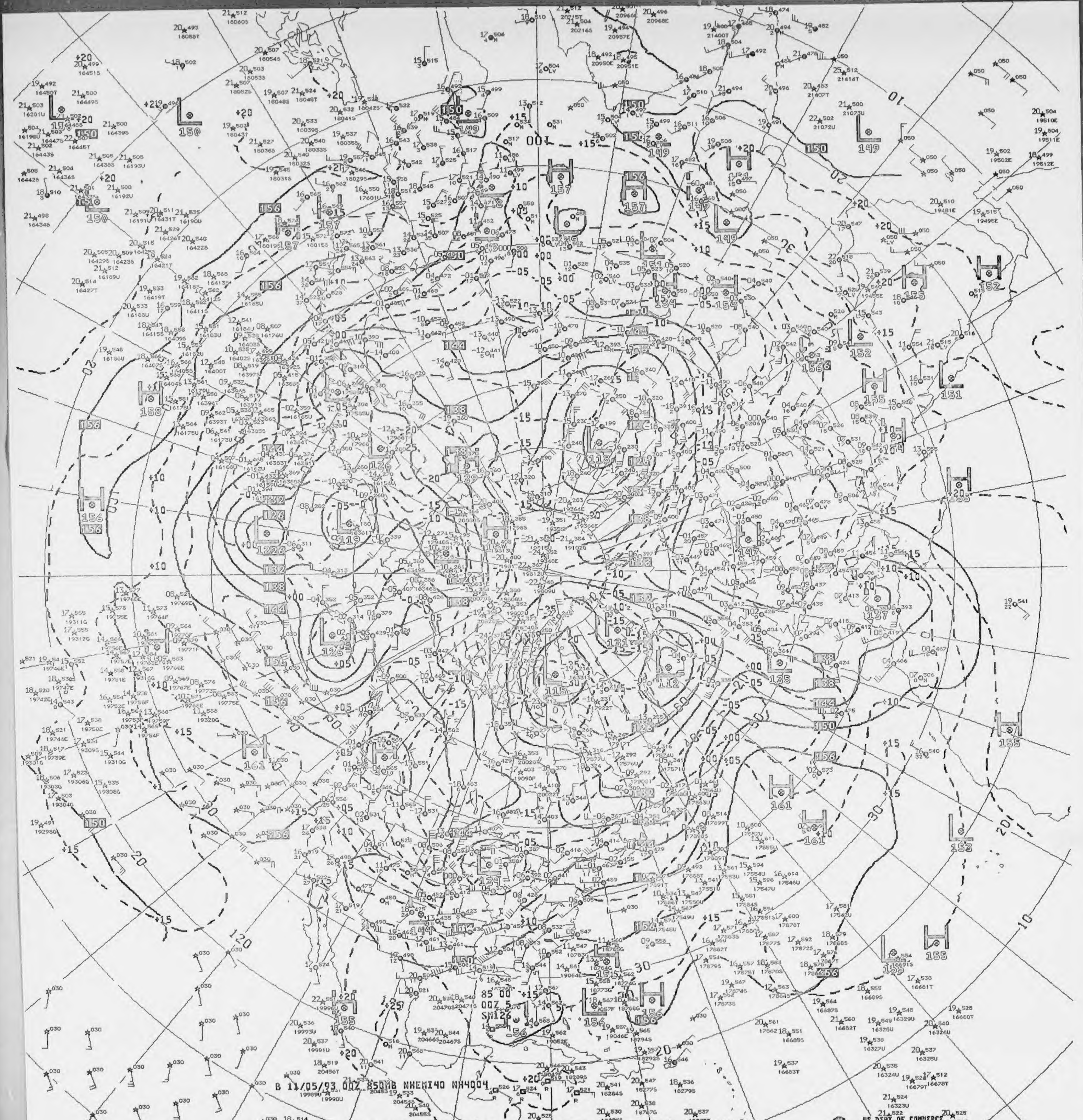
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 11/04/93 12Z 850MB NHEMI40 NH4004

V871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 4 NOV 93

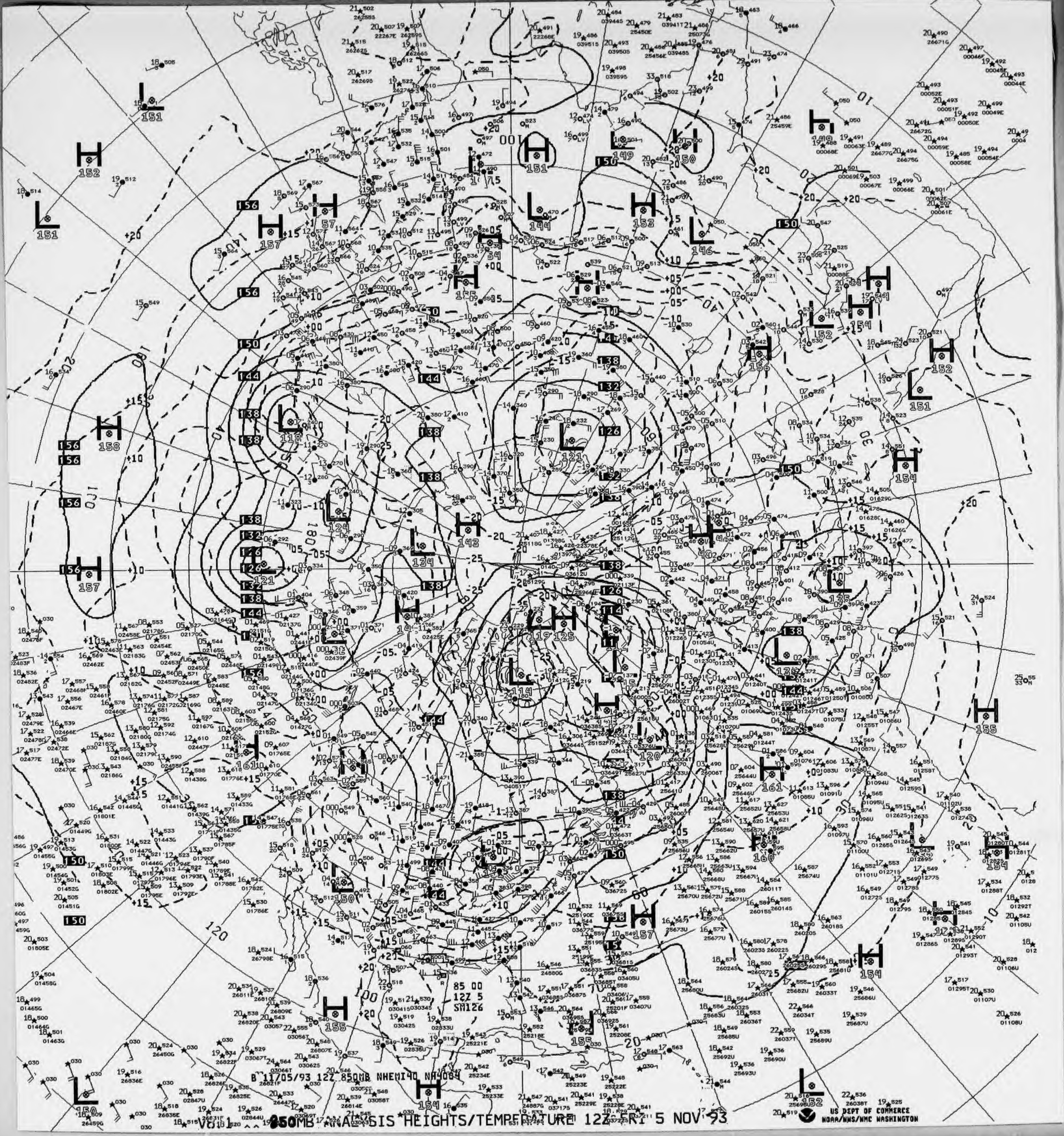
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 11/05/93 00Z 850MB NHEMI40 NH4004

850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 5 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


85 00
12Z 5
SM126
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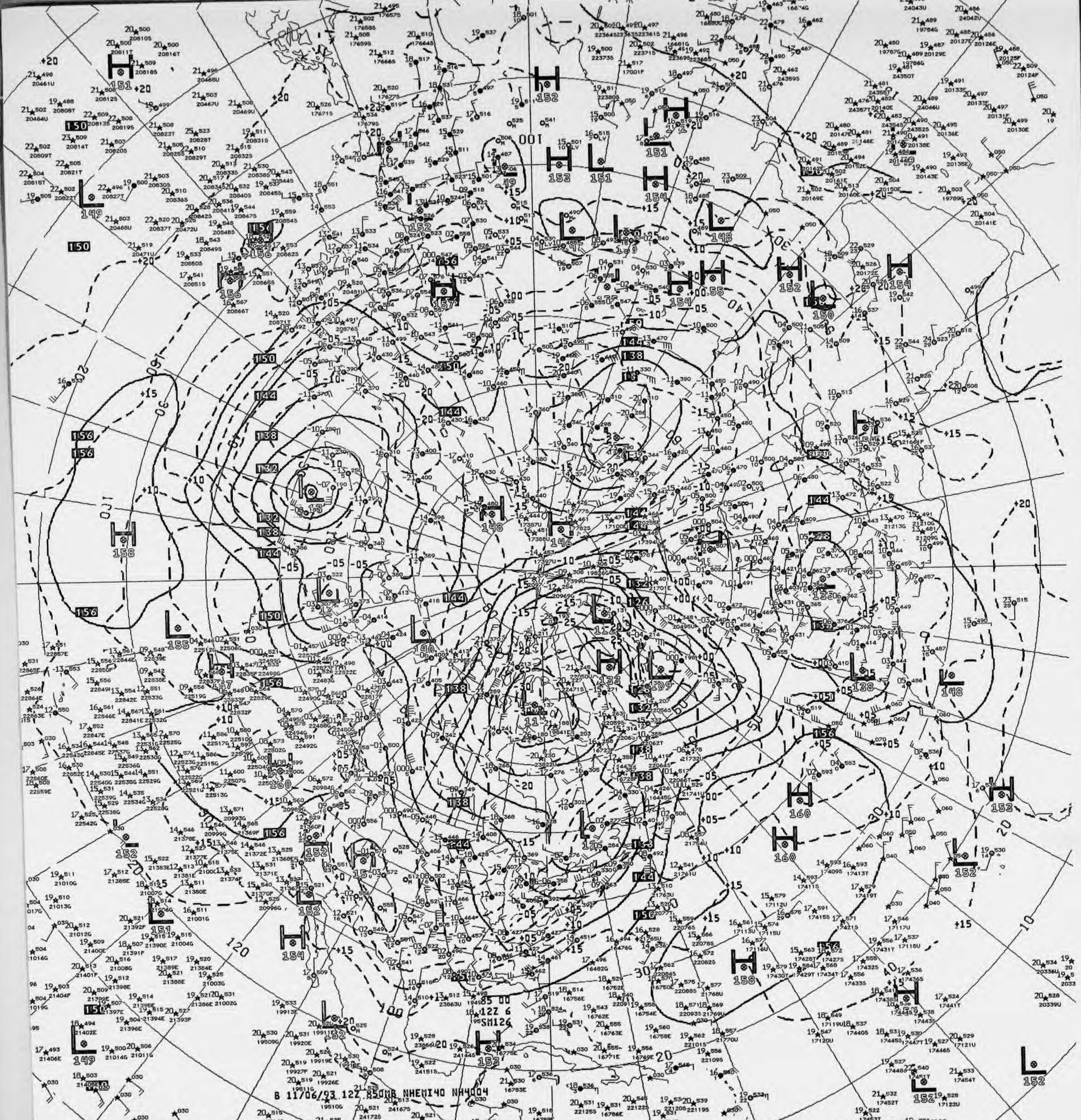
VG1 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 5 NOV 93

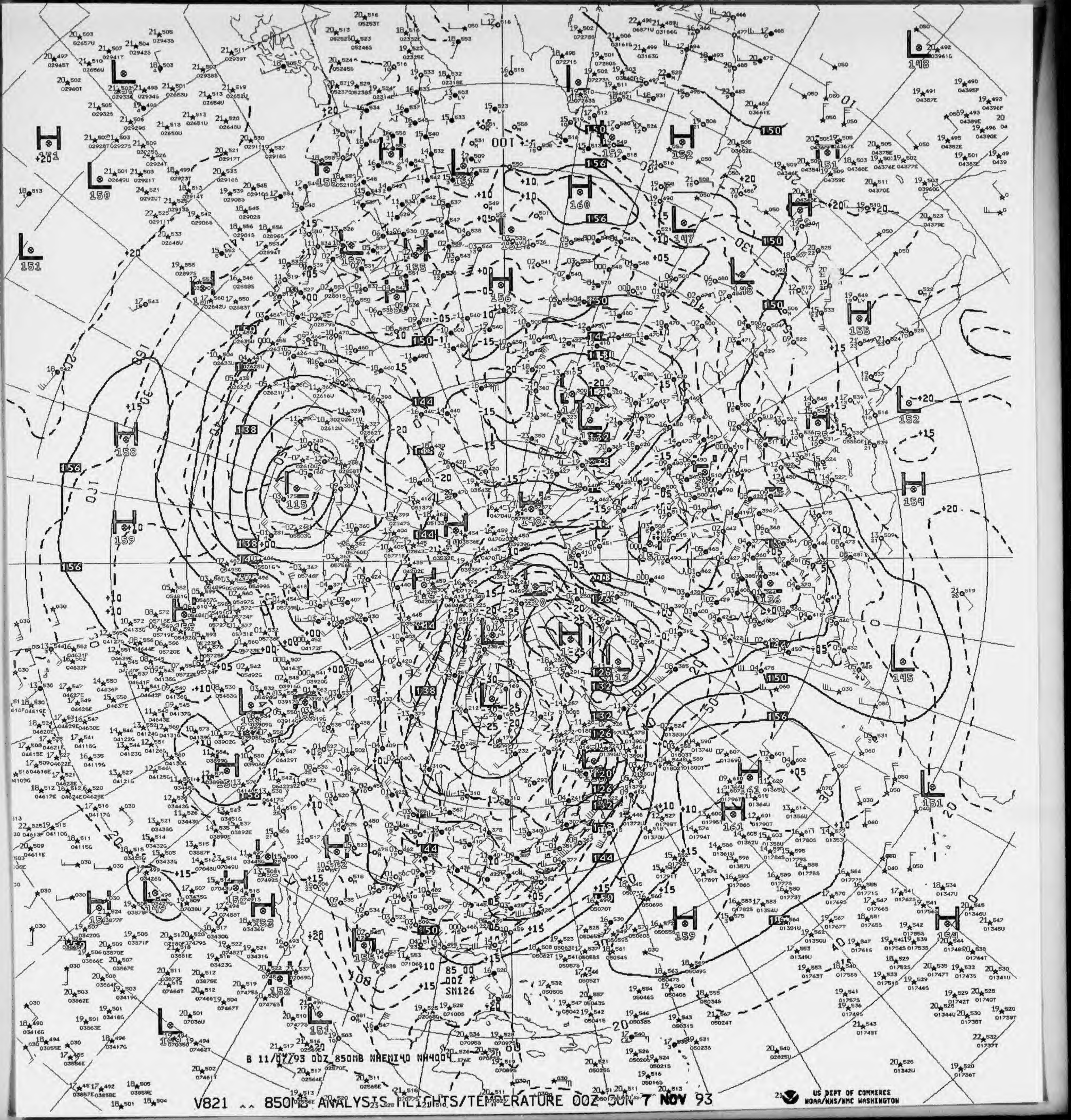
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 11/06/93 12Z 850MB NHEMI40 NH4004

V871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 6 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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00Z
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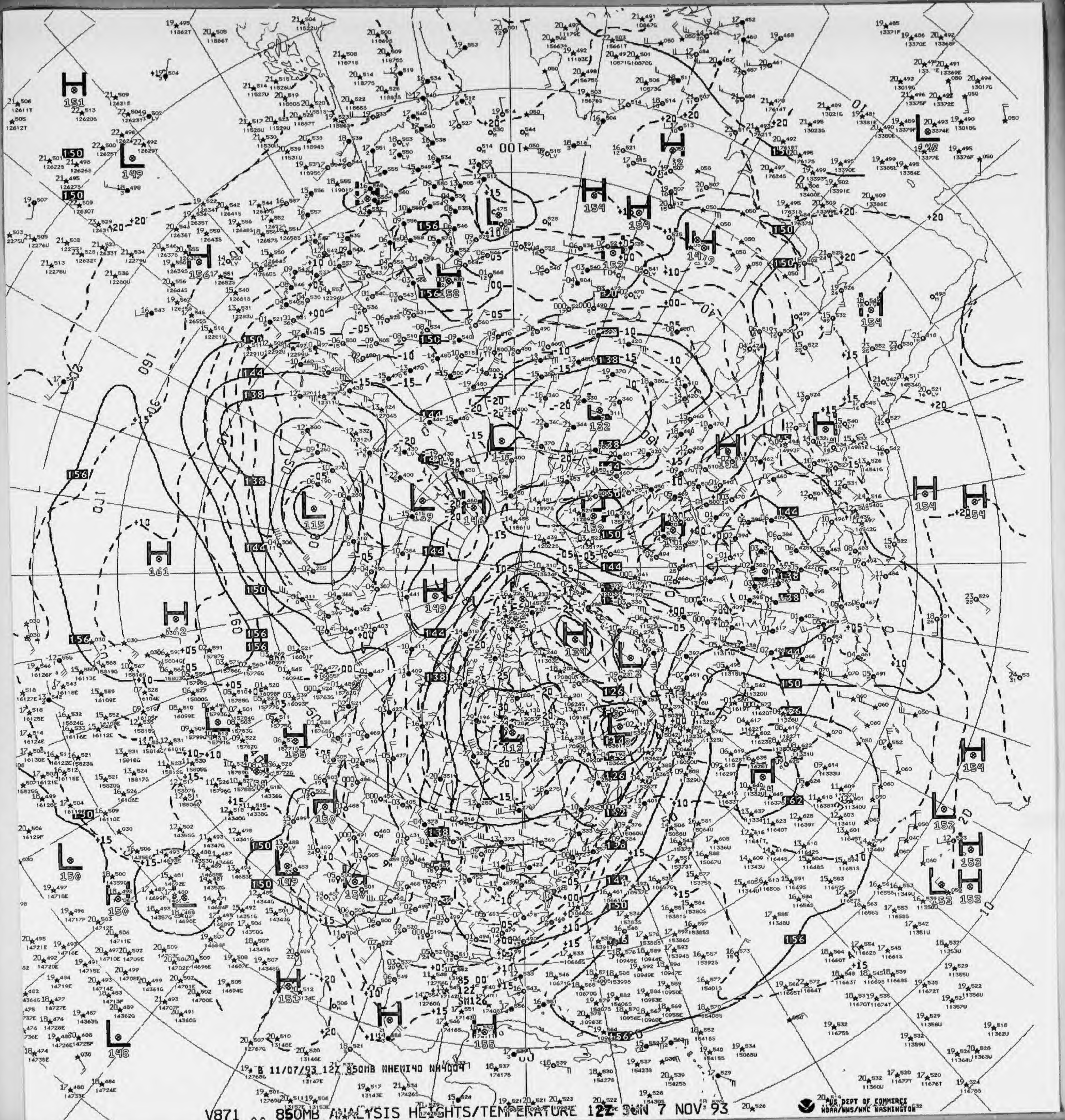
V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 7 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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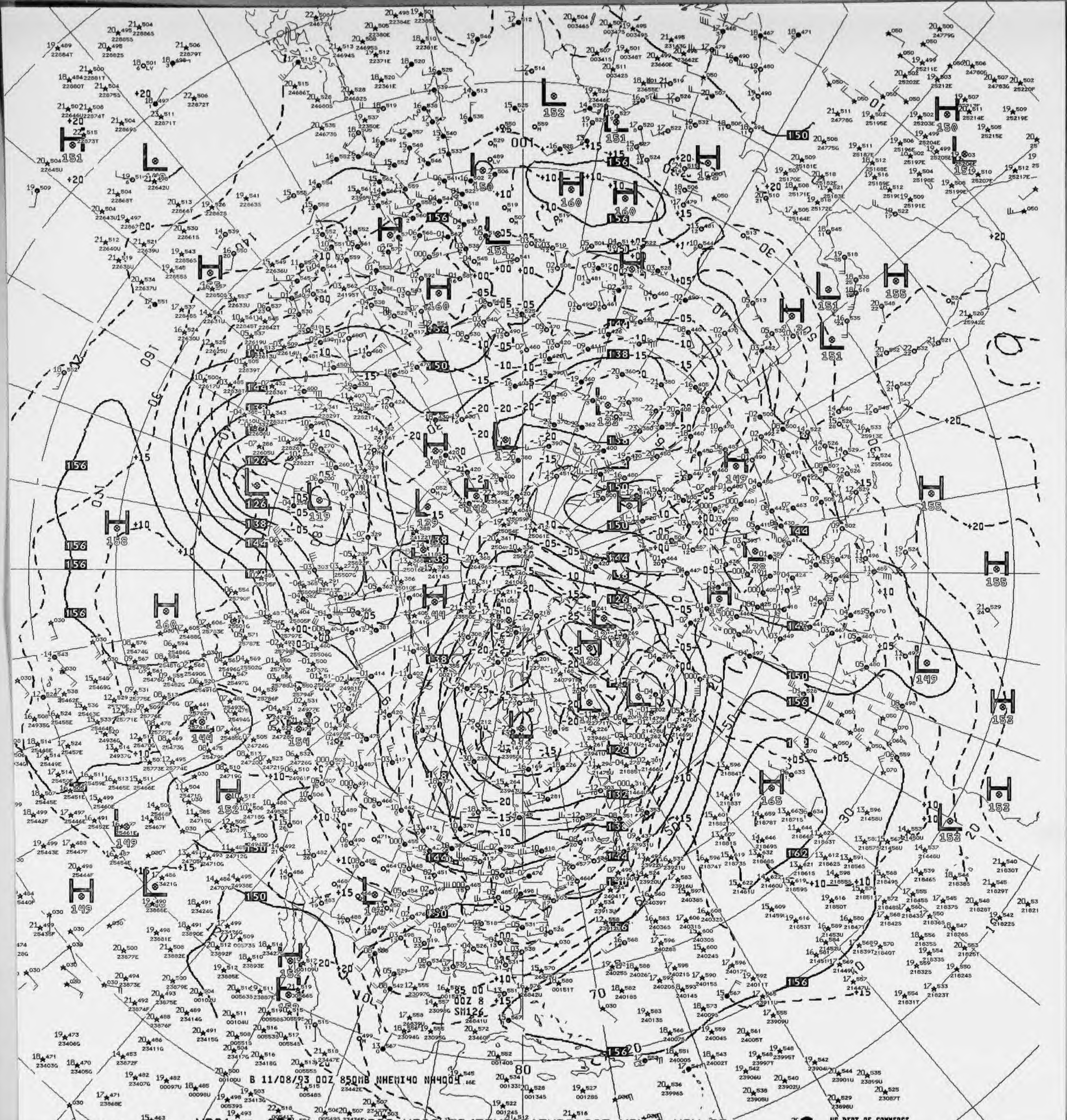
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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850 00Z 8
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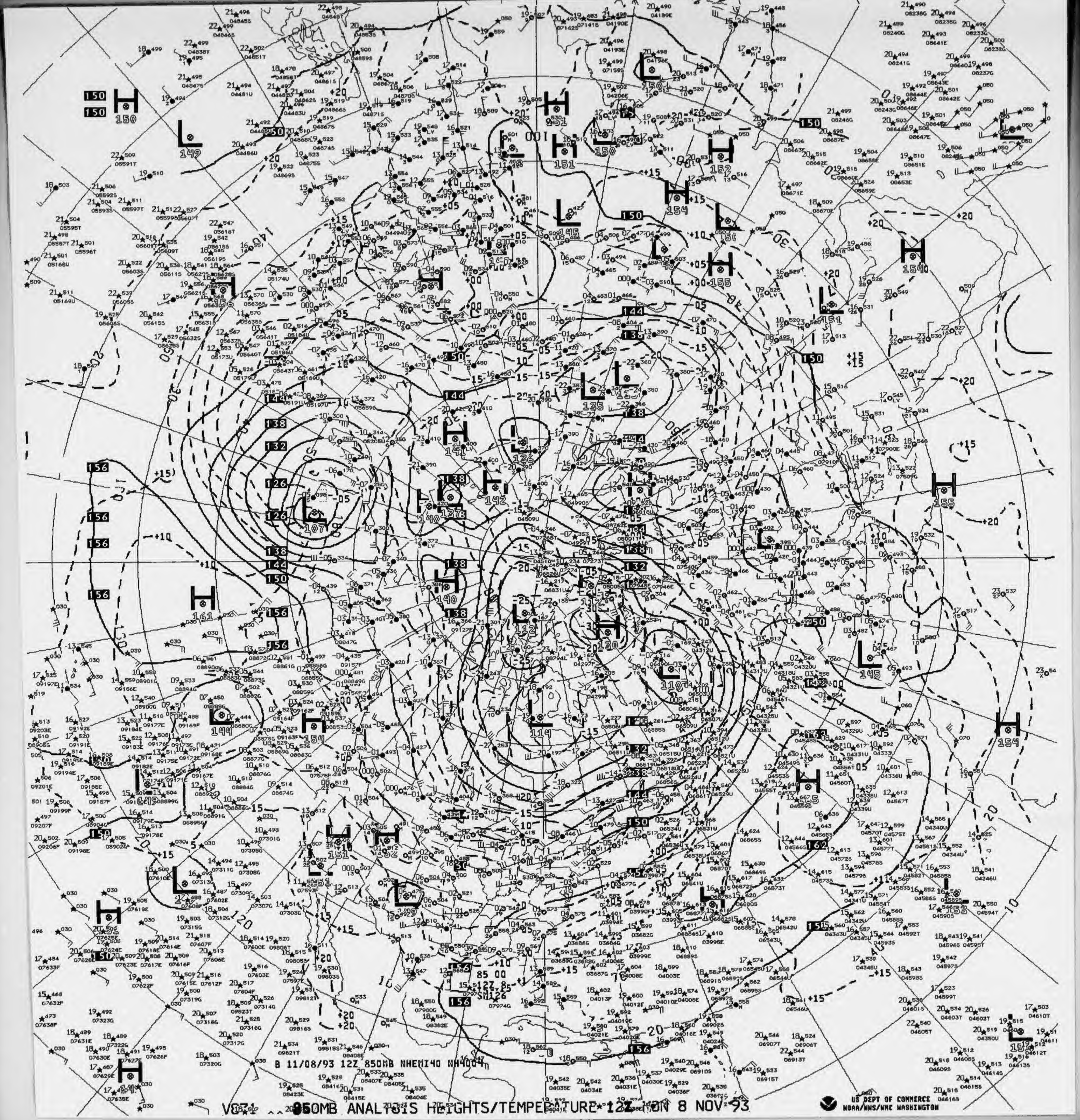
V821 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 8 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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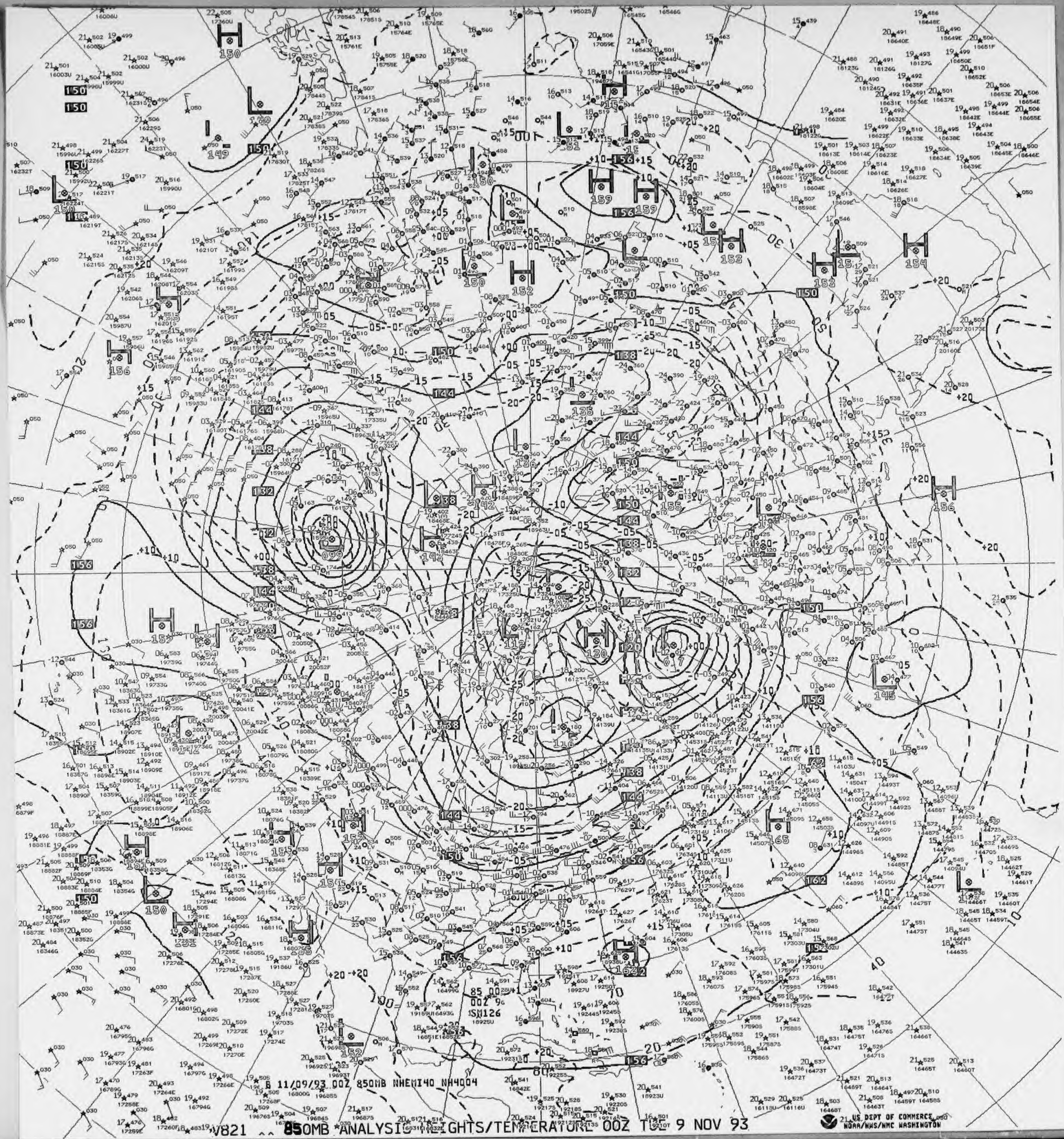
V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 8 NOV 93

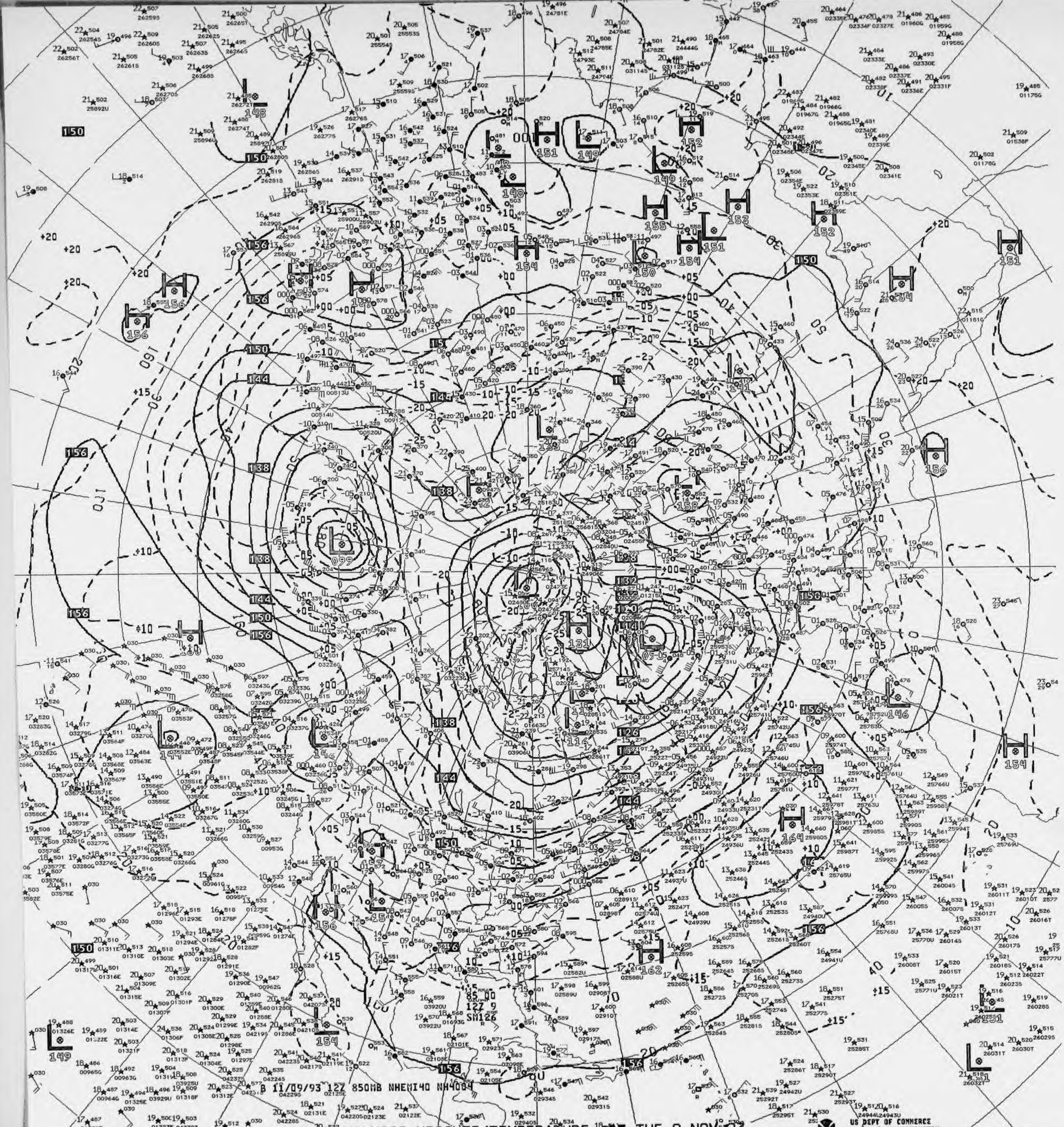
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 11/09/93 00Z 850MB NHEMI40 NH4004

V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 9 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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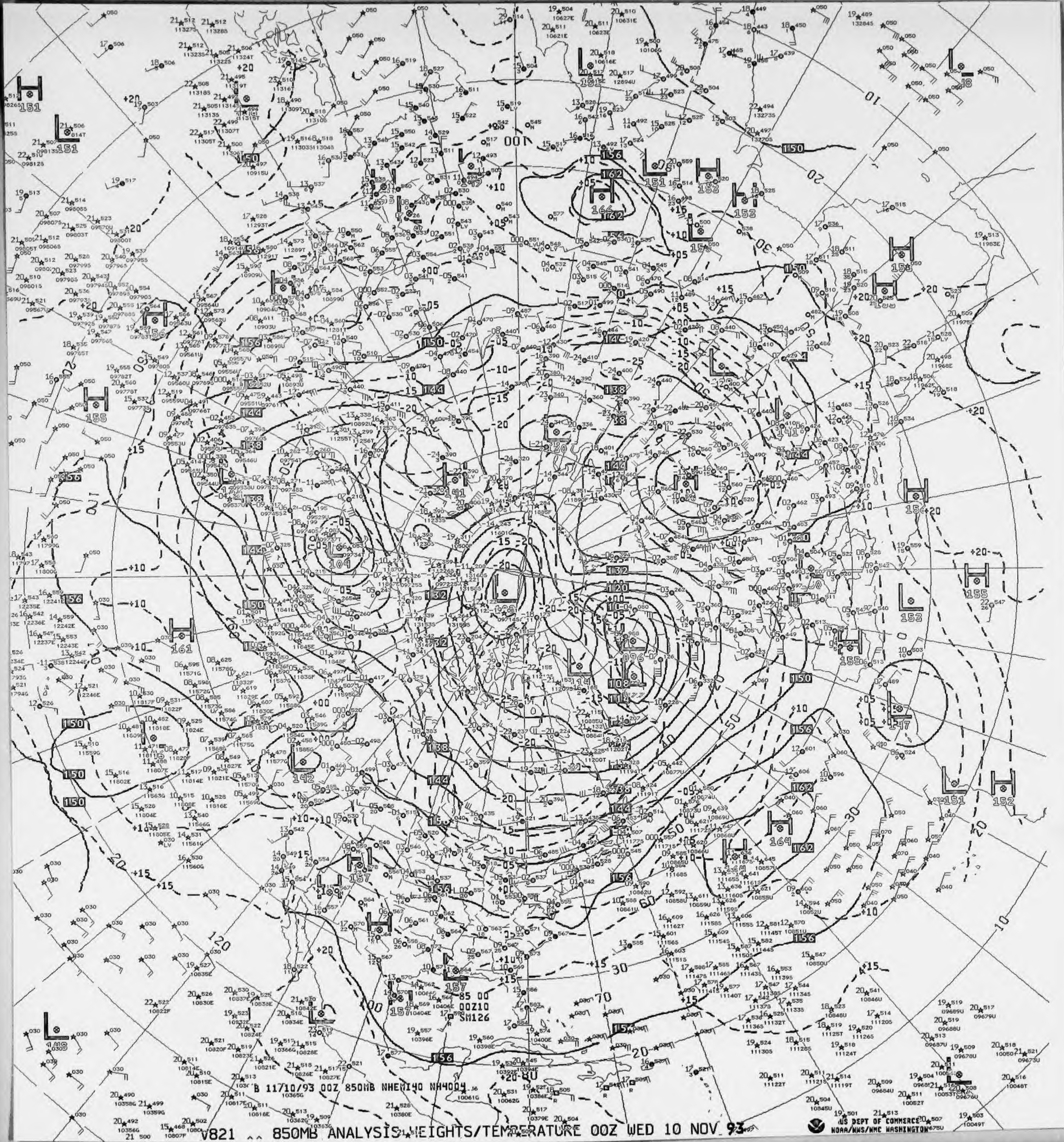
V8T1 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 9 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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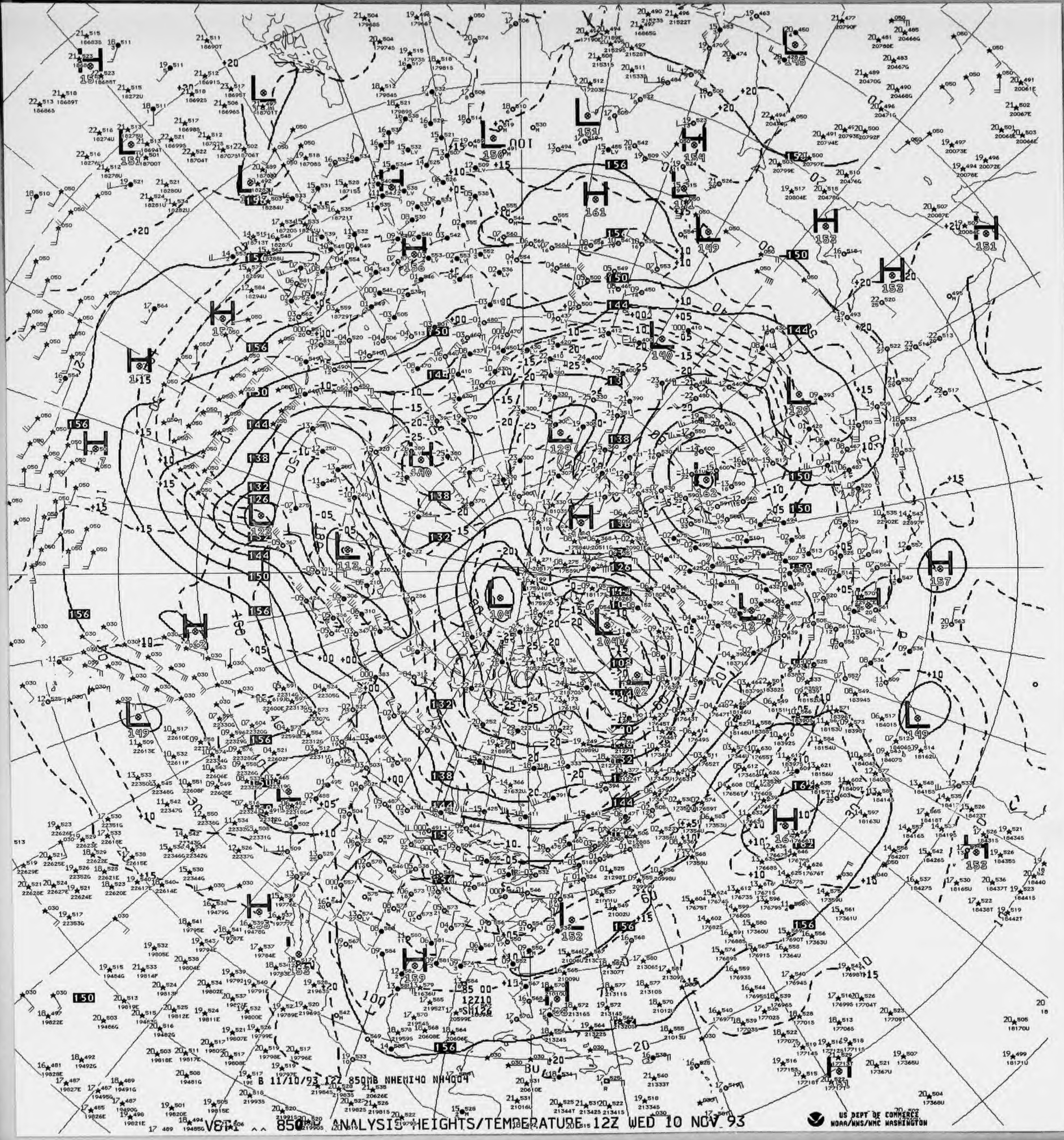
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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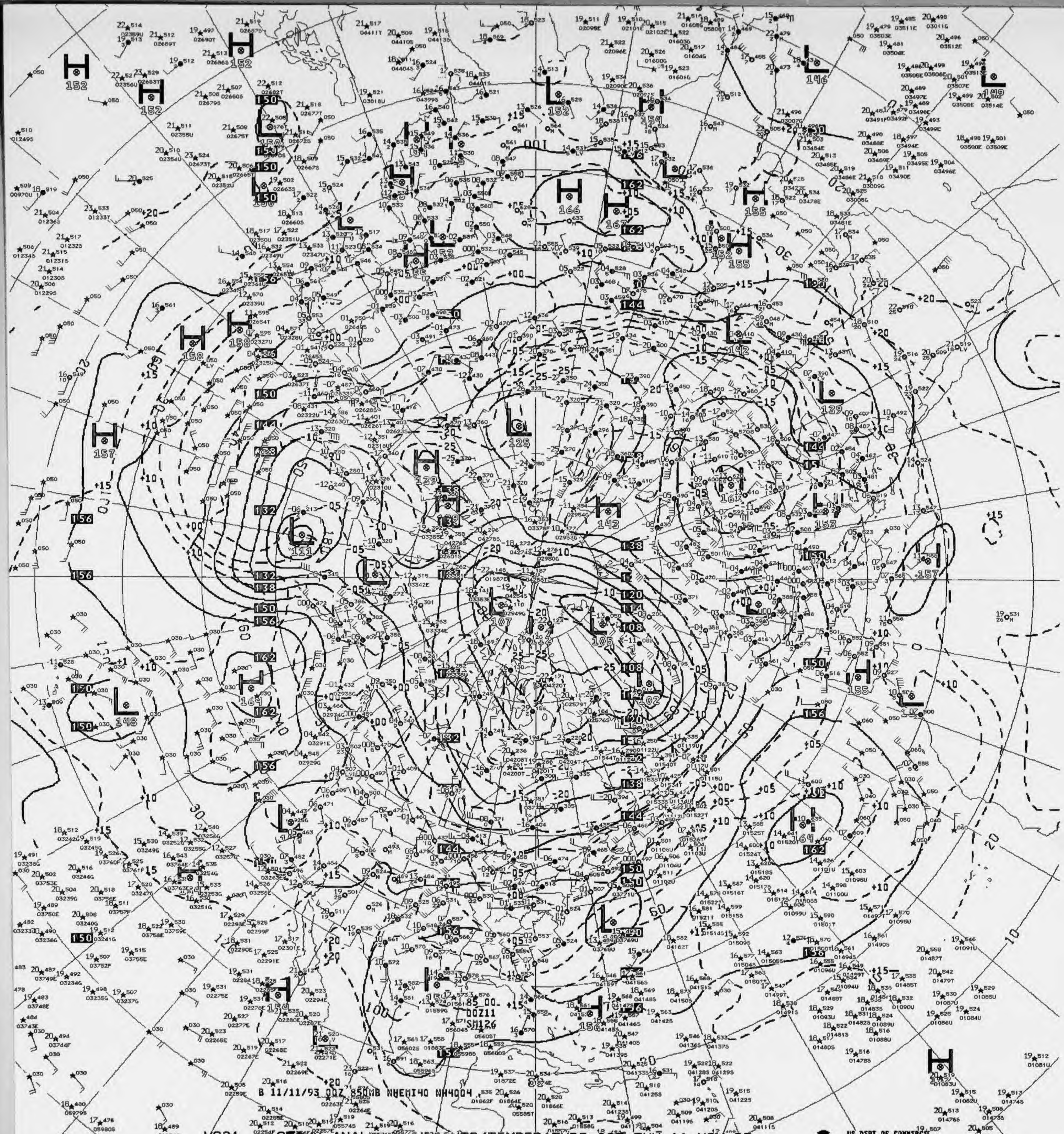
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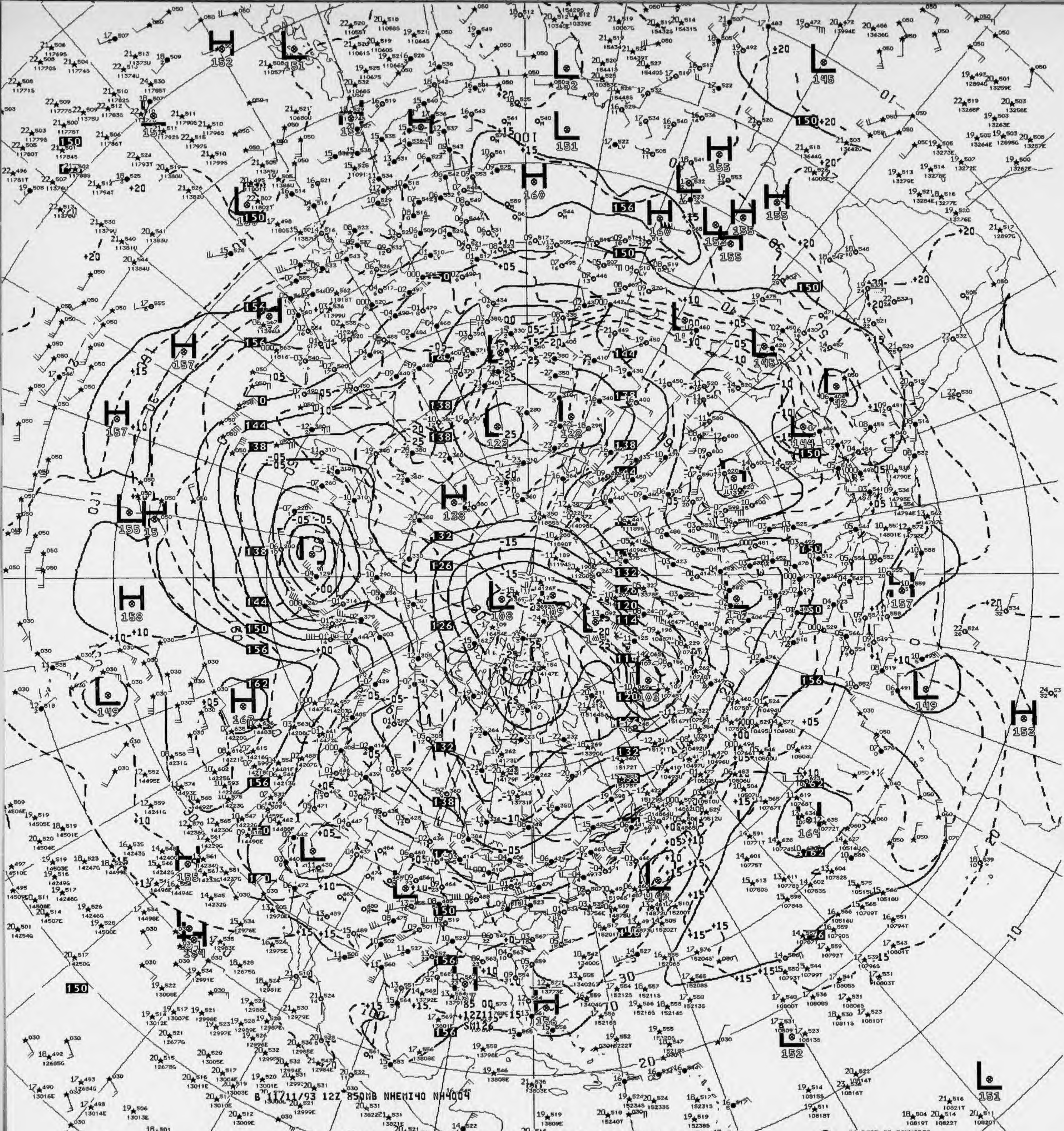
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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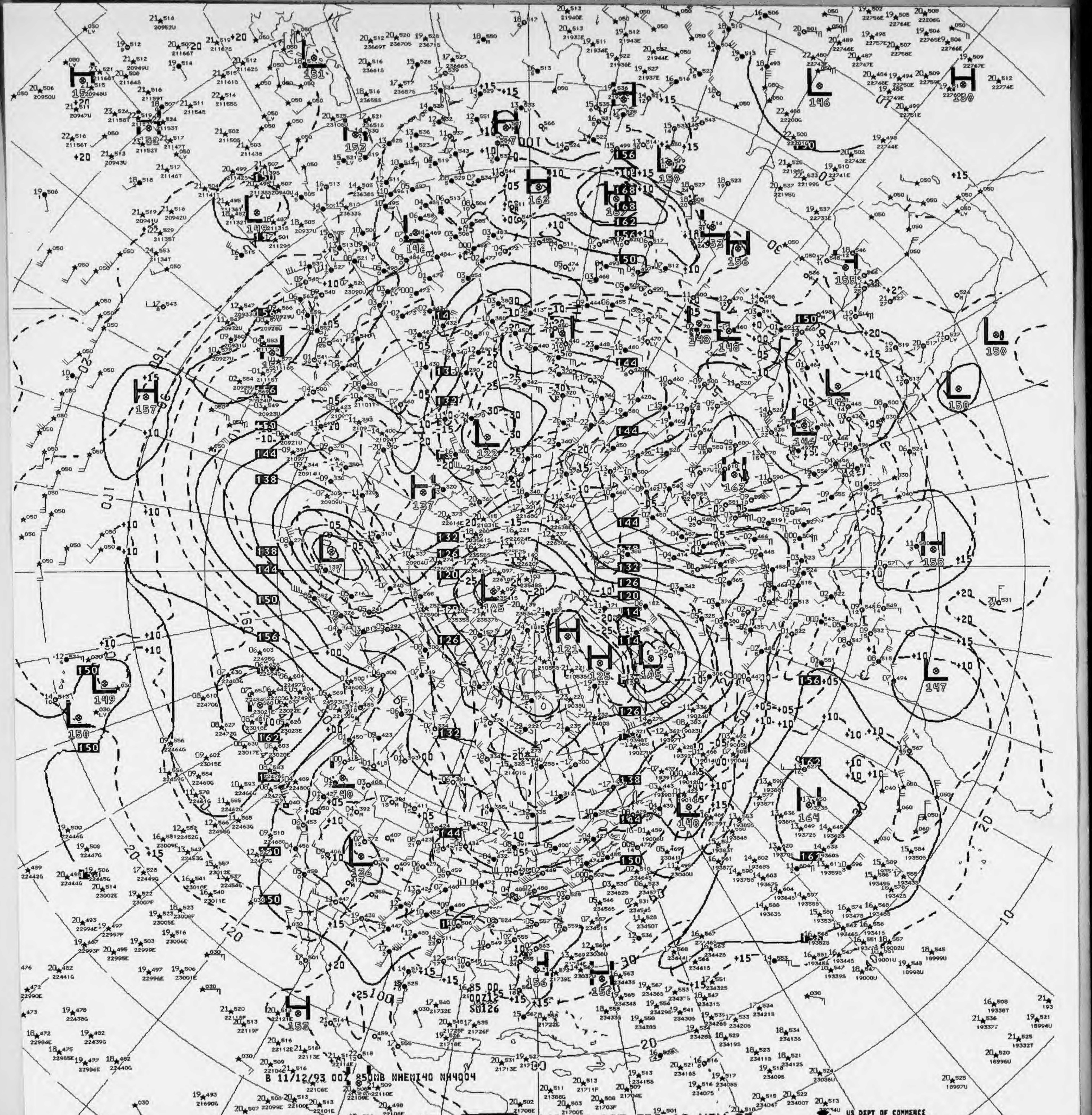
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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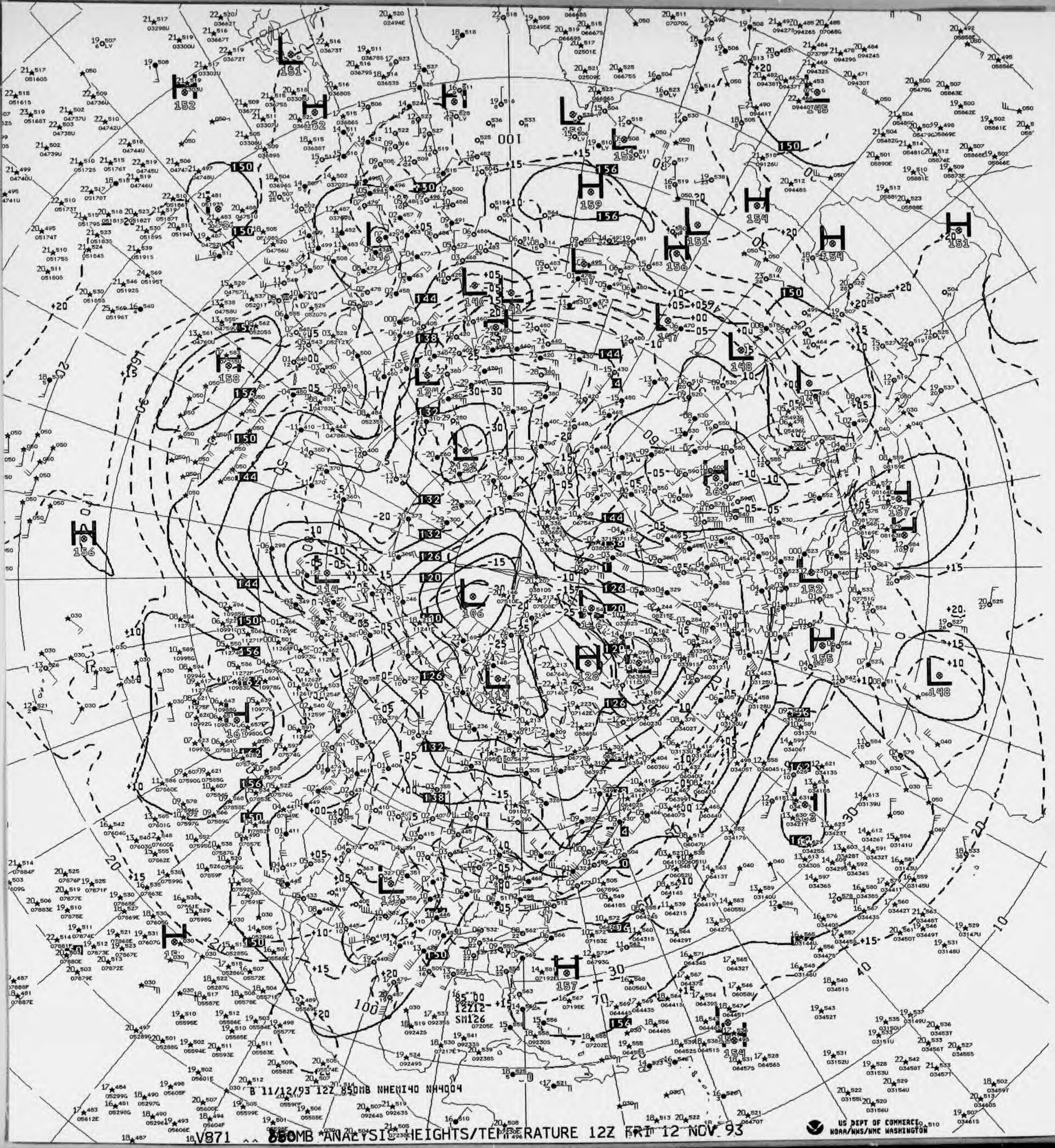
H 151
L 151
L 153
L 149
H 157
L 137
H 137
L 122
L 105
H 121
H 125
L 105
L 146
H 150
L 150
L 150
L 165
L 146
H 163
H 158
L 147
H 164
L 140
L 136
H 153
H 156
H 162
H 168
L 150
L 148
L 150
L 149
H 156
H 152
SM126

821 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 12 NOV 93

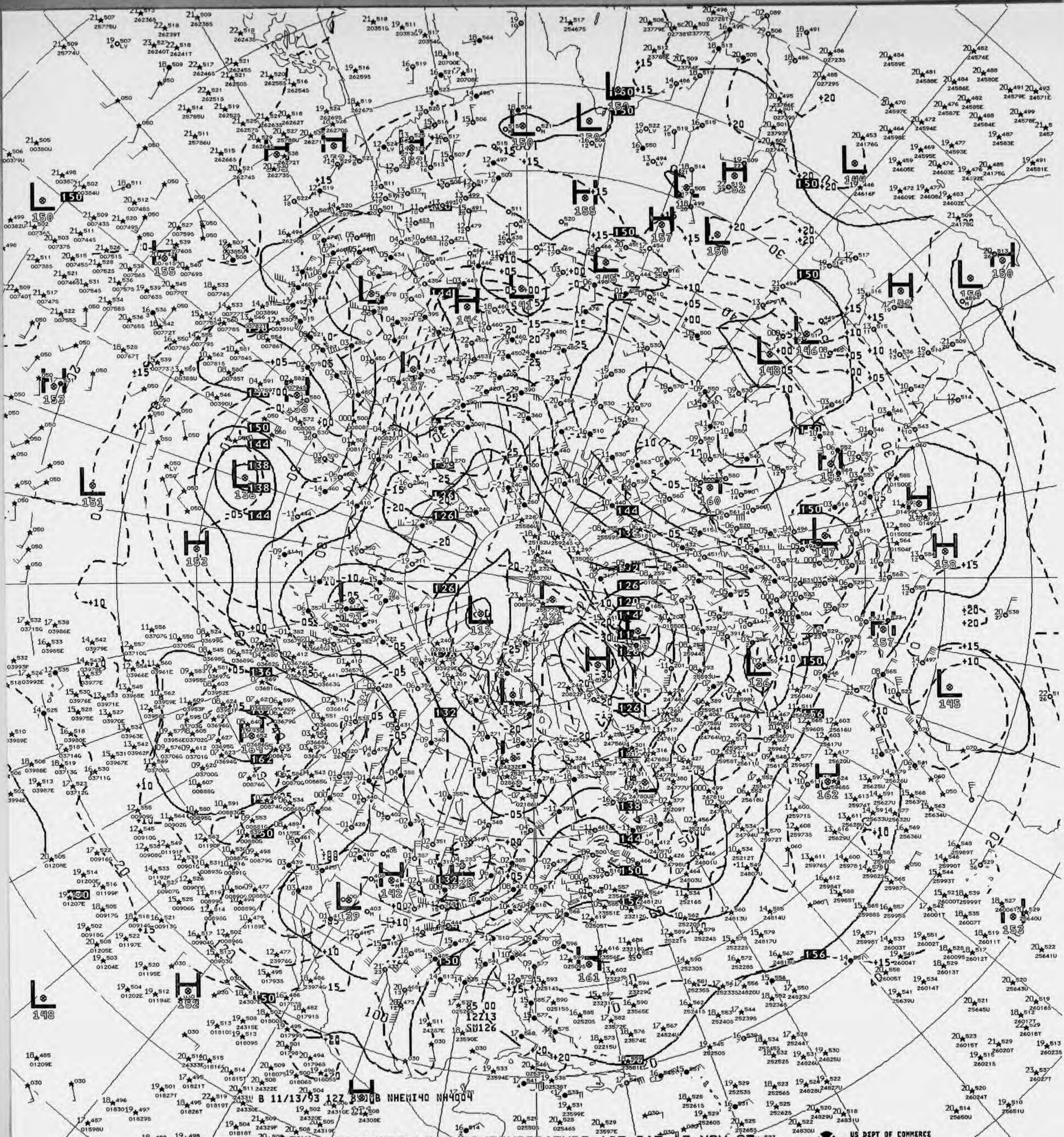
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


850 MB
12Z12
SM126

B 11/12/93 12Z 850MB NHEMI40 NH4004

V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 12 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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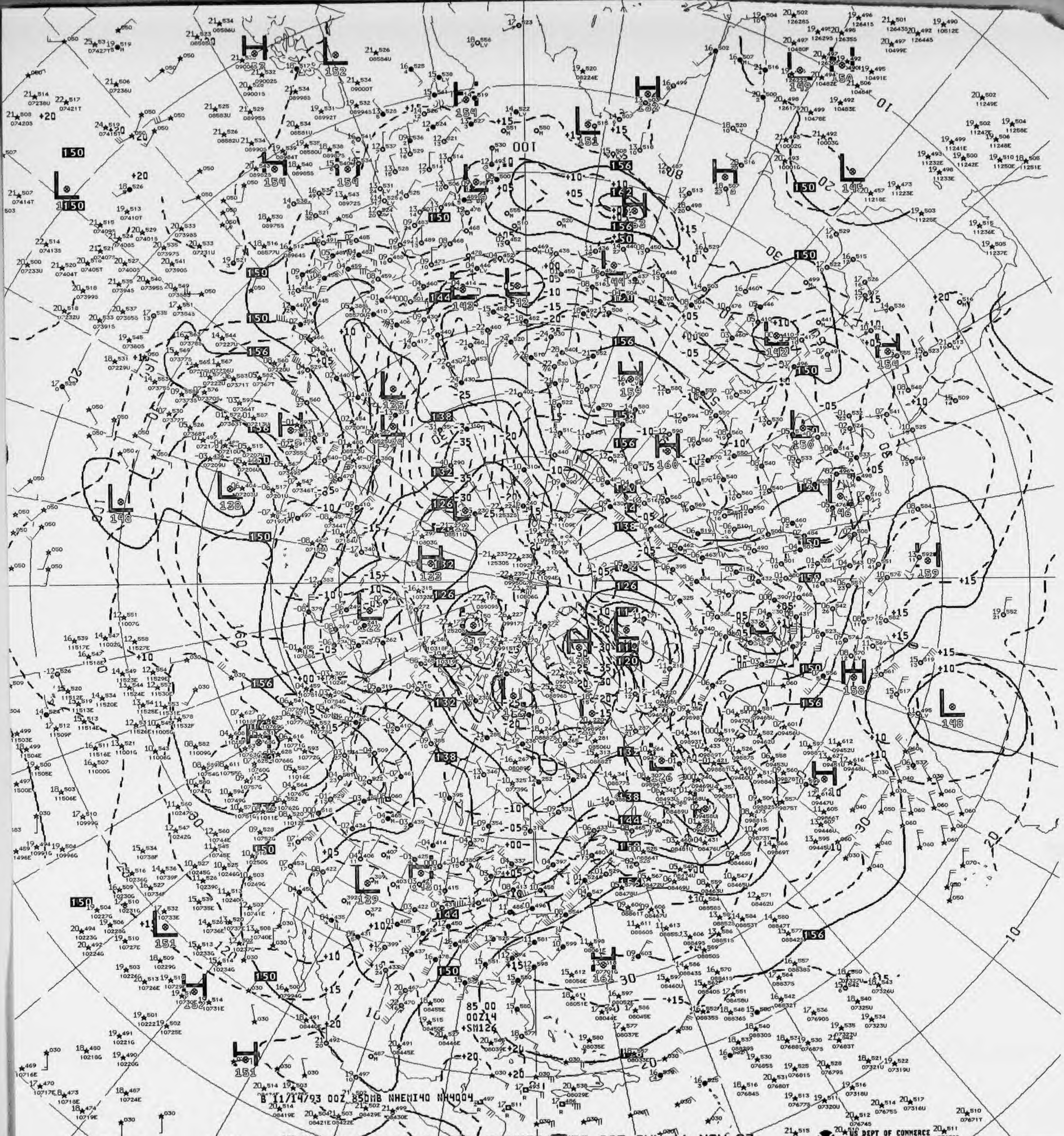
850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 13 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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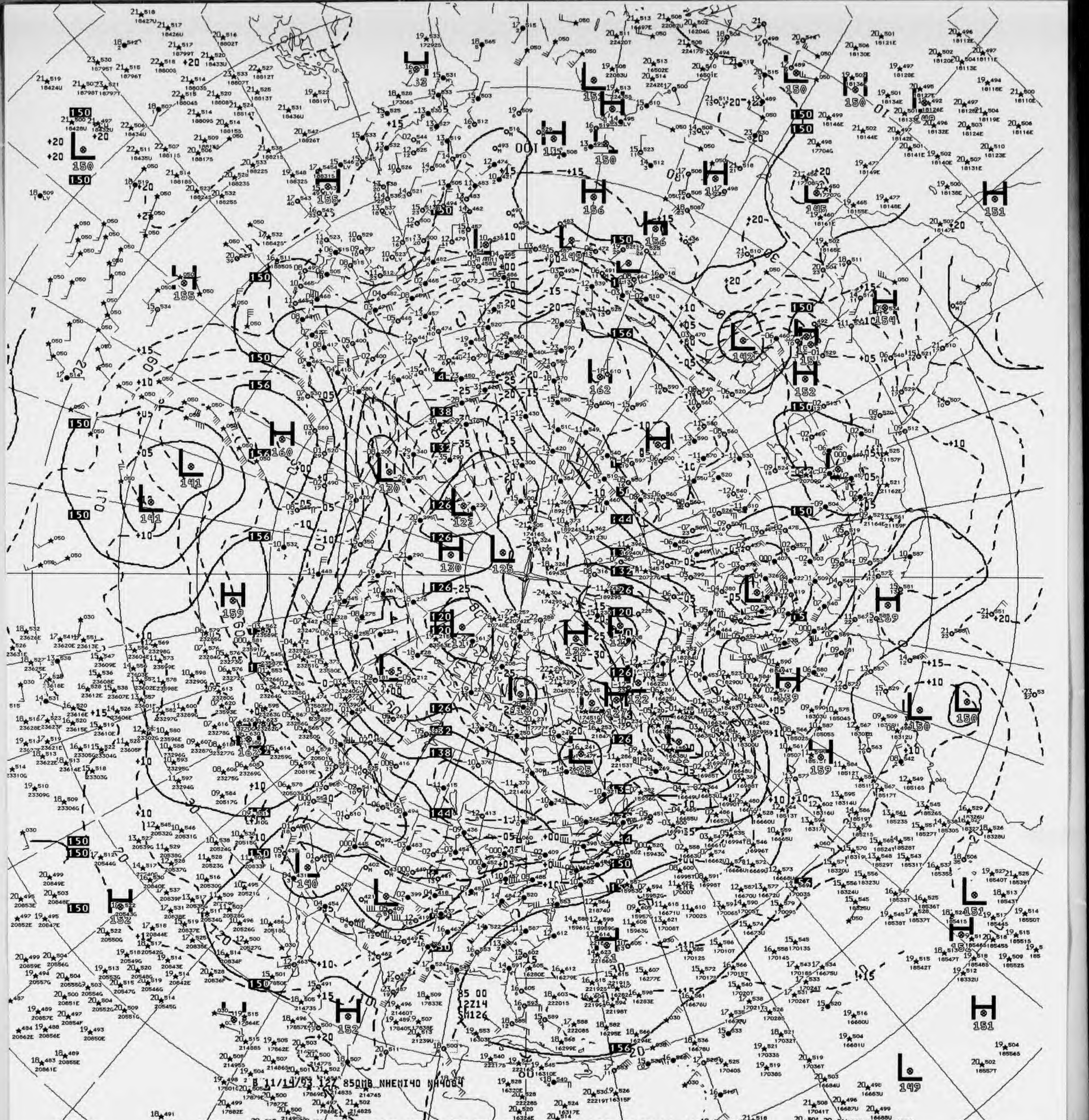
00Z14
SM126
B 11/14/93 00Z 850MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 14 NOV 93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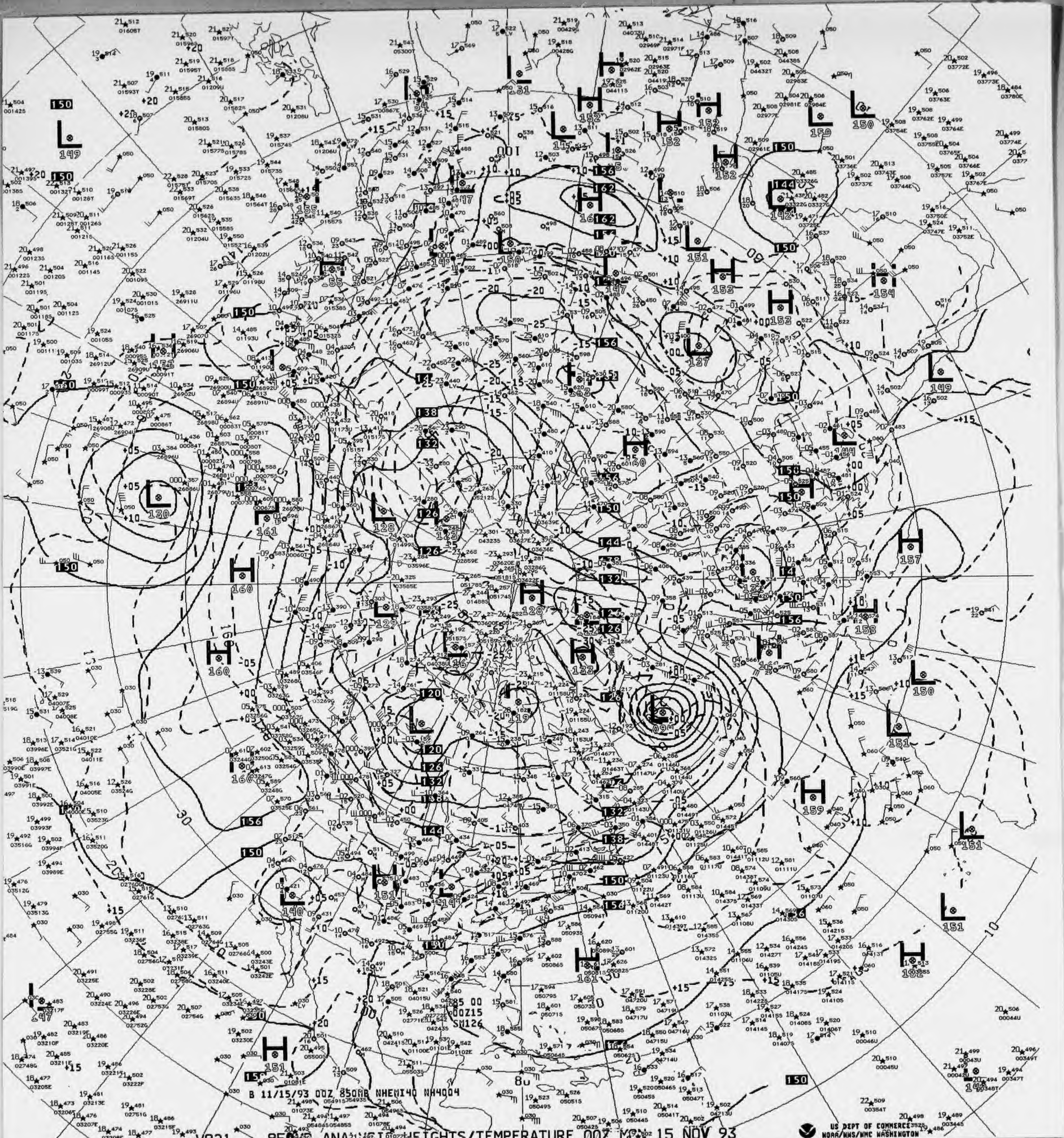
V871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 14 NOV 93

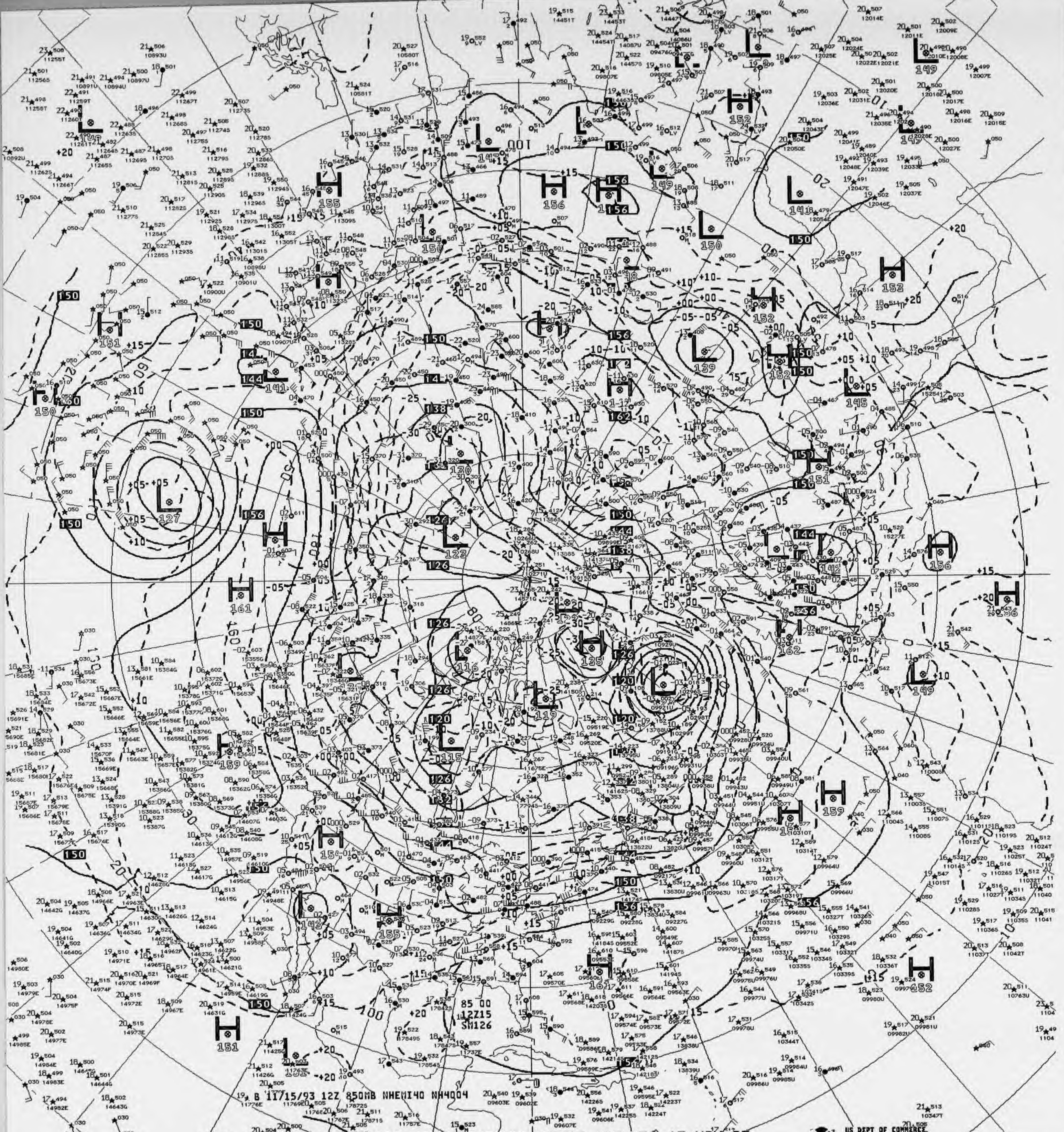
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 11/15/93 00Z 850MB NHEMI40 NH4004

V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 15 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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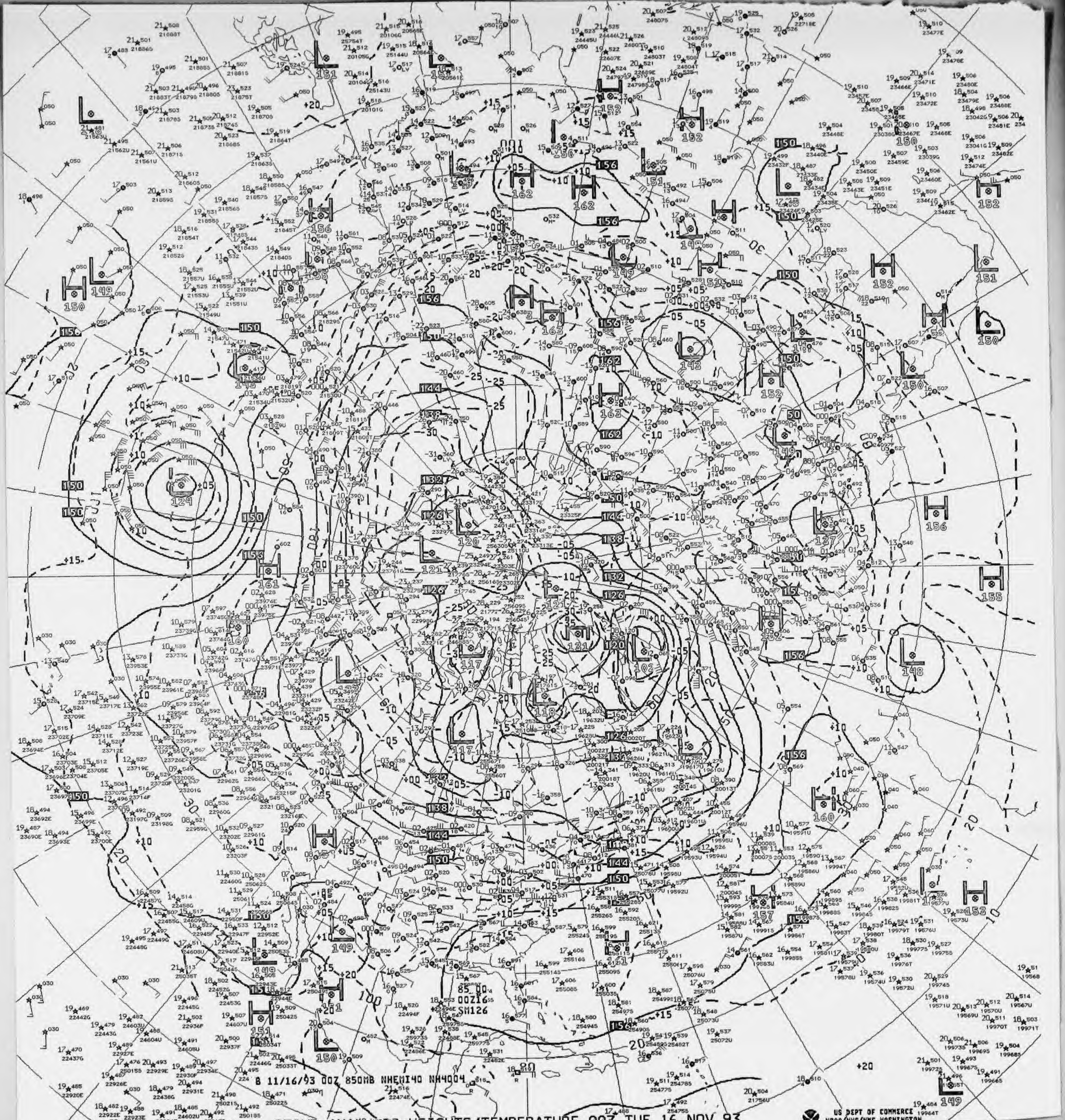
SM126

V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 15 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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00Z16
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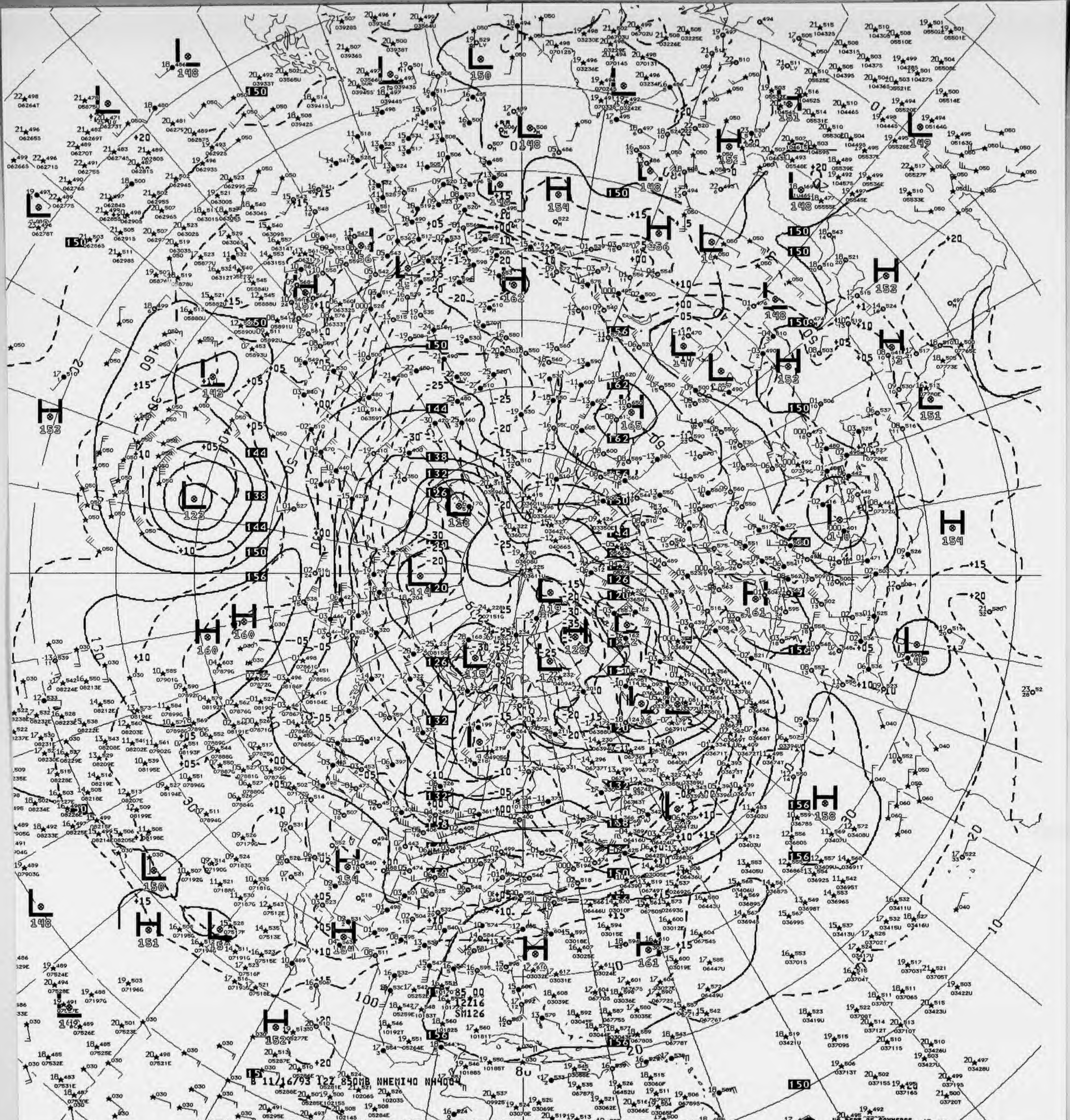
V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 16 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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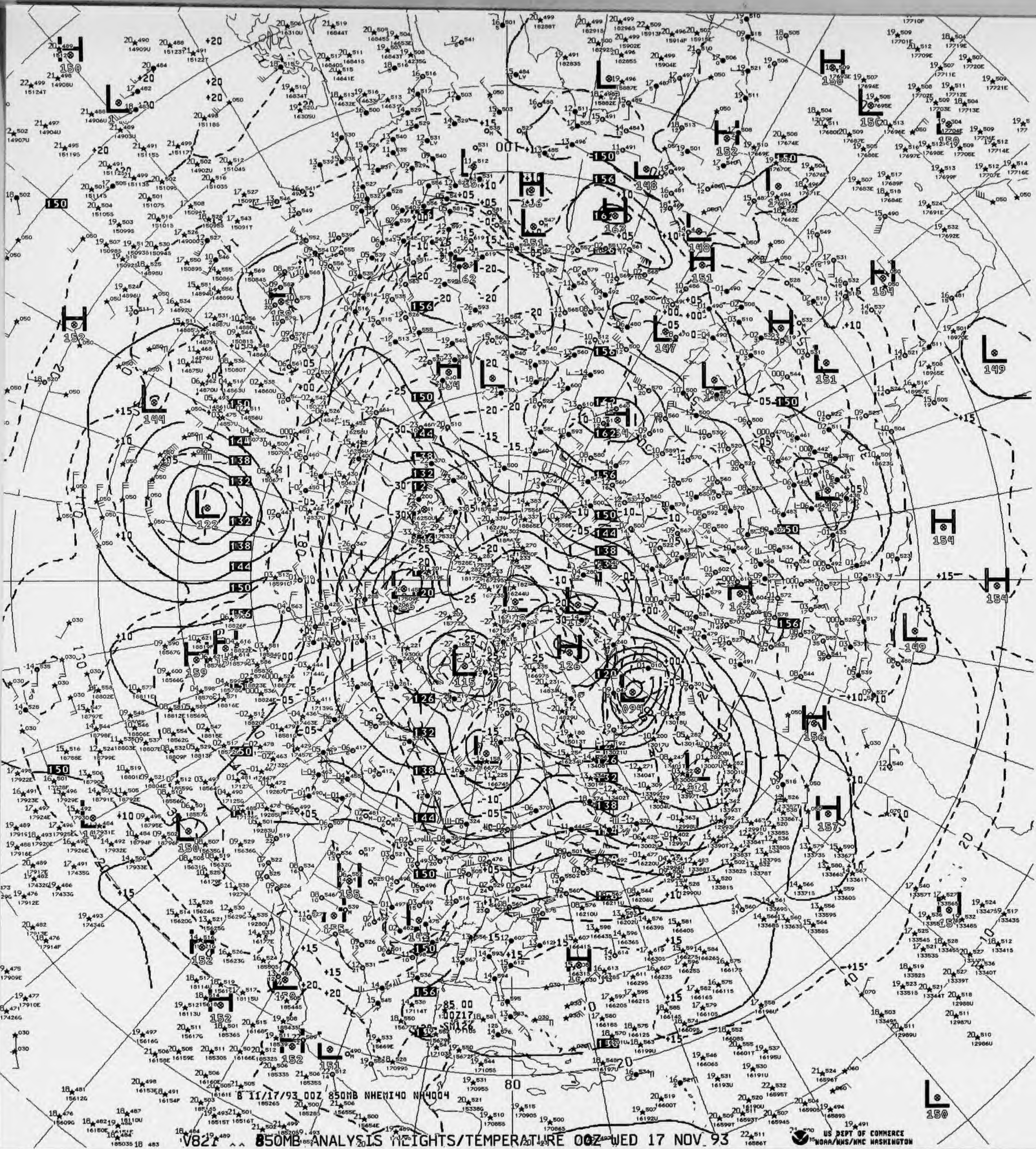
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

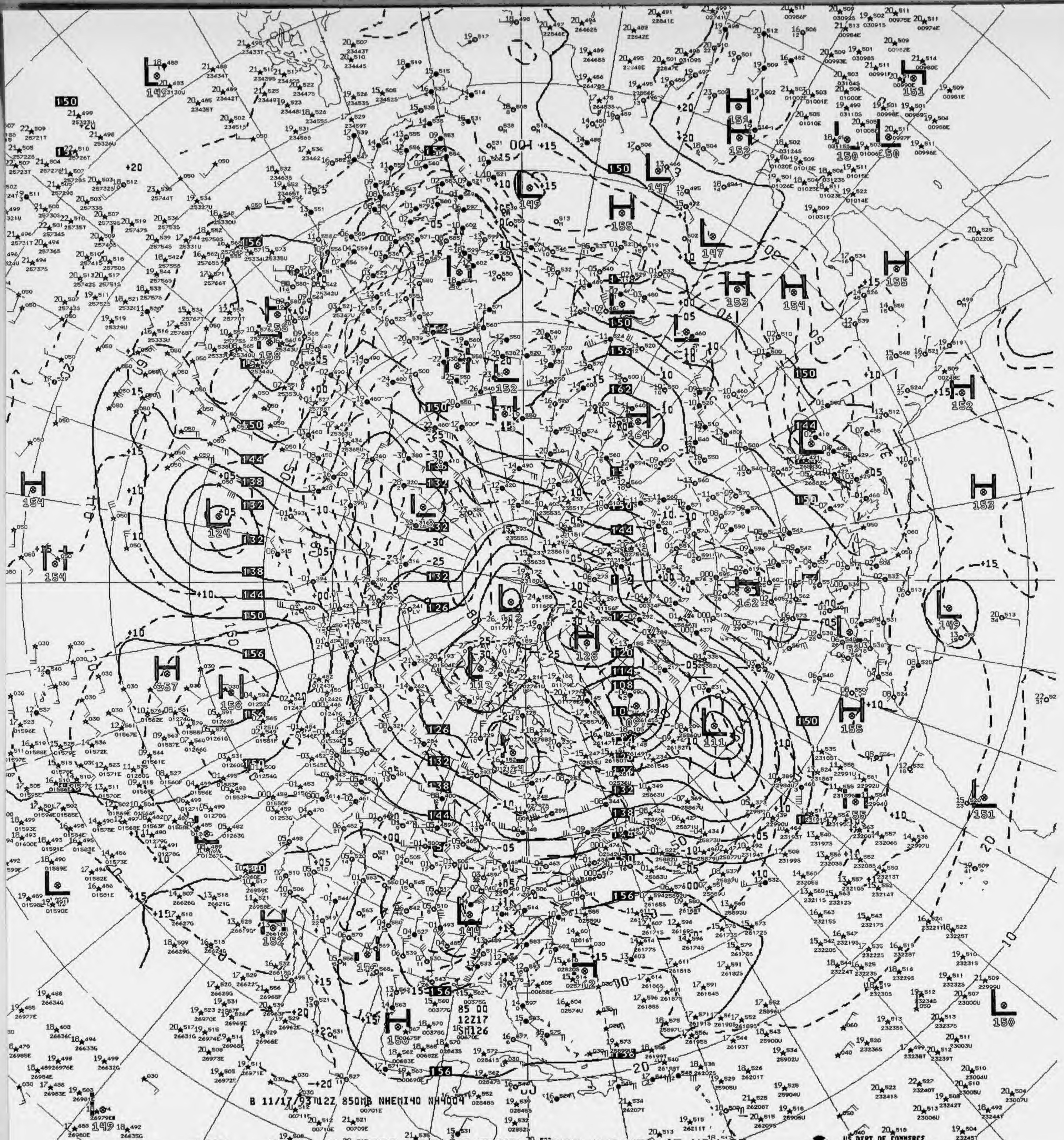
V8T1 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 16 NOV 93



8 11/17/93 00Z 850MB NHEMI40 NH4004
H
L
80
+15
+10
+05
-05
-10
-15
-20
-25
-30

V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 17 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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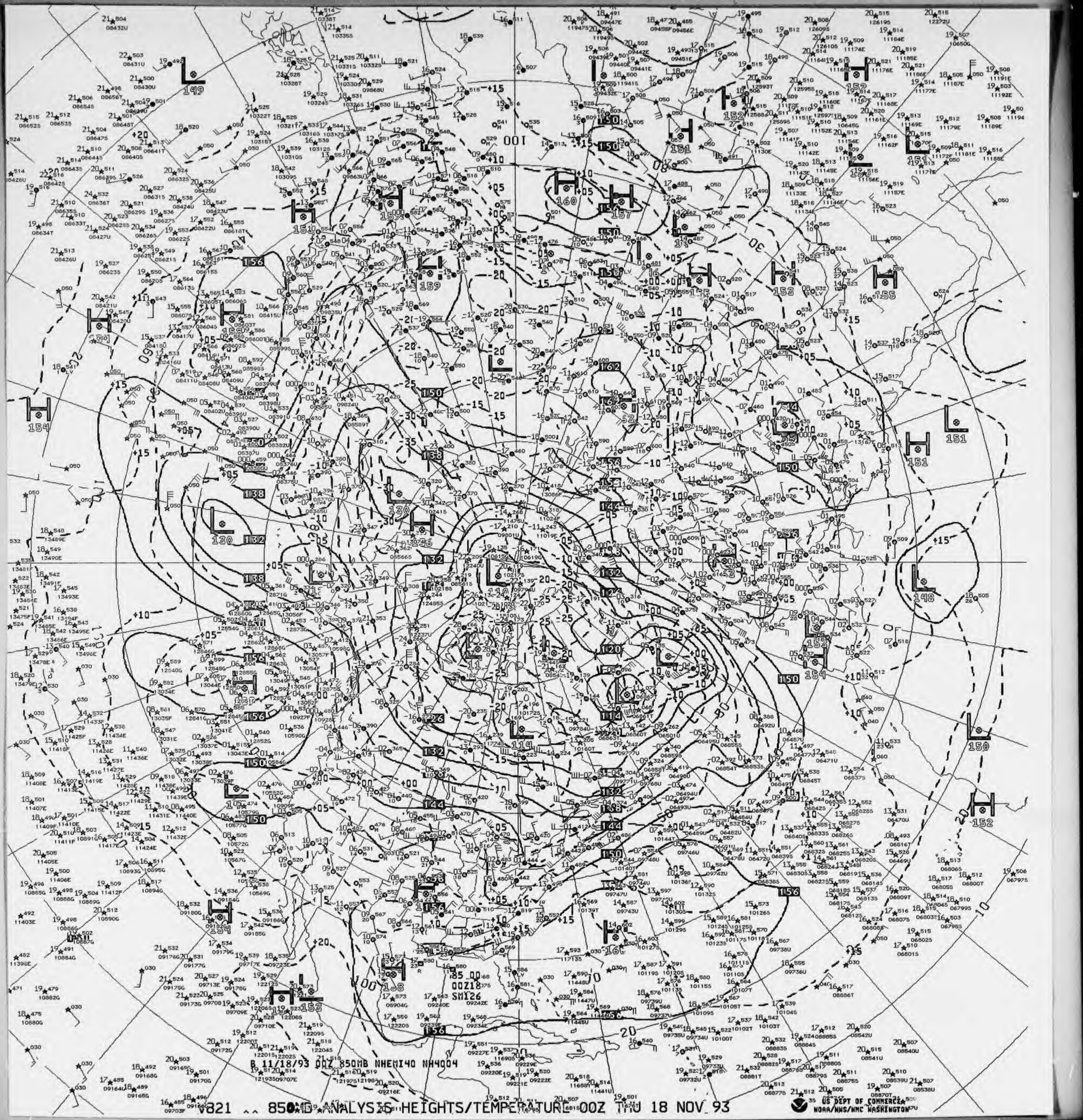
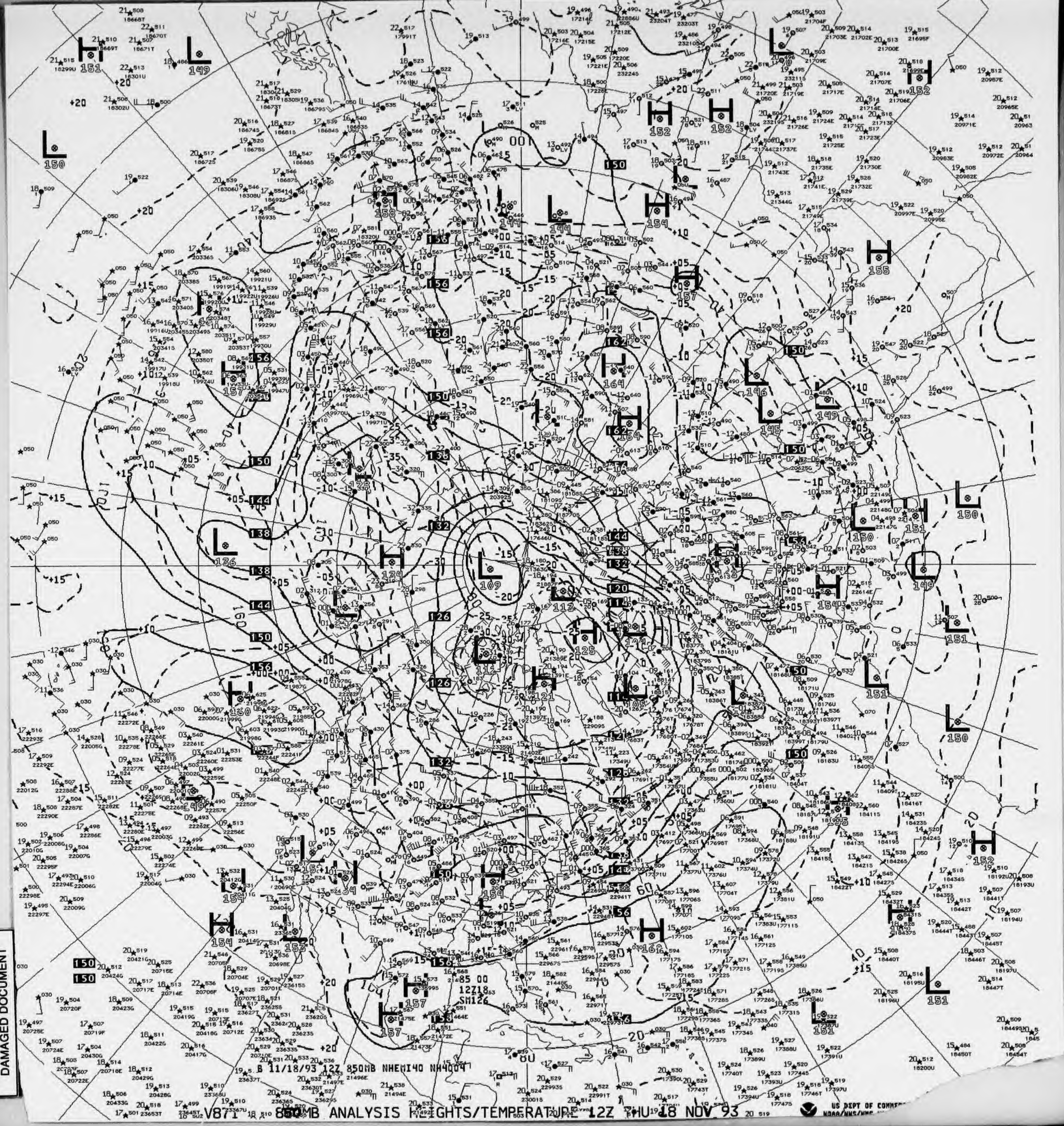
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/18/93 00Z 850MB NHEMI40 NH4004
85 00
00Z18
SM126

V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 18 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

BEST AVAILABLE RECORD
DAMAGED DOCUMENT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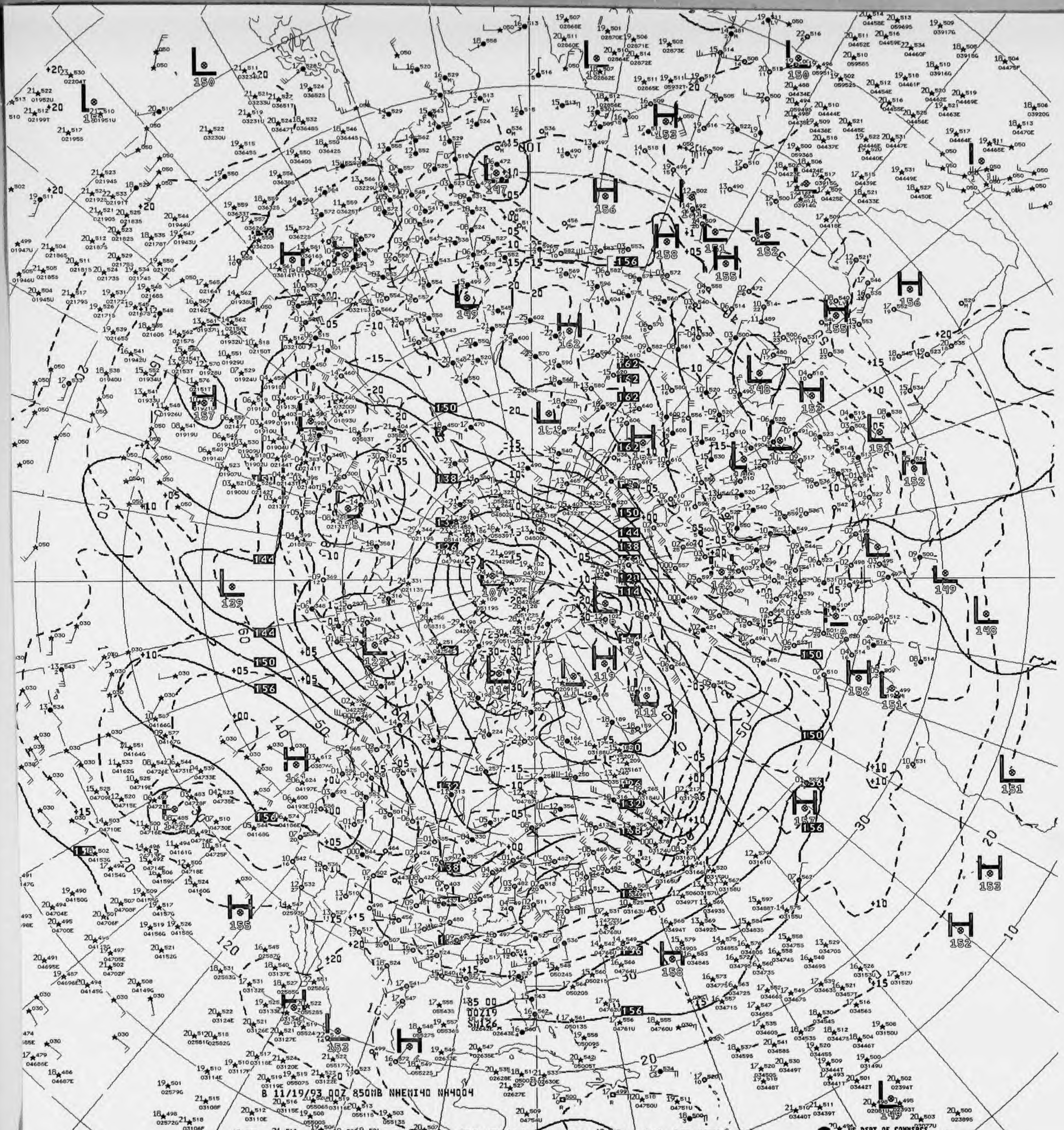
NOAA/NWS/NMC

V871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 18 NOV 93



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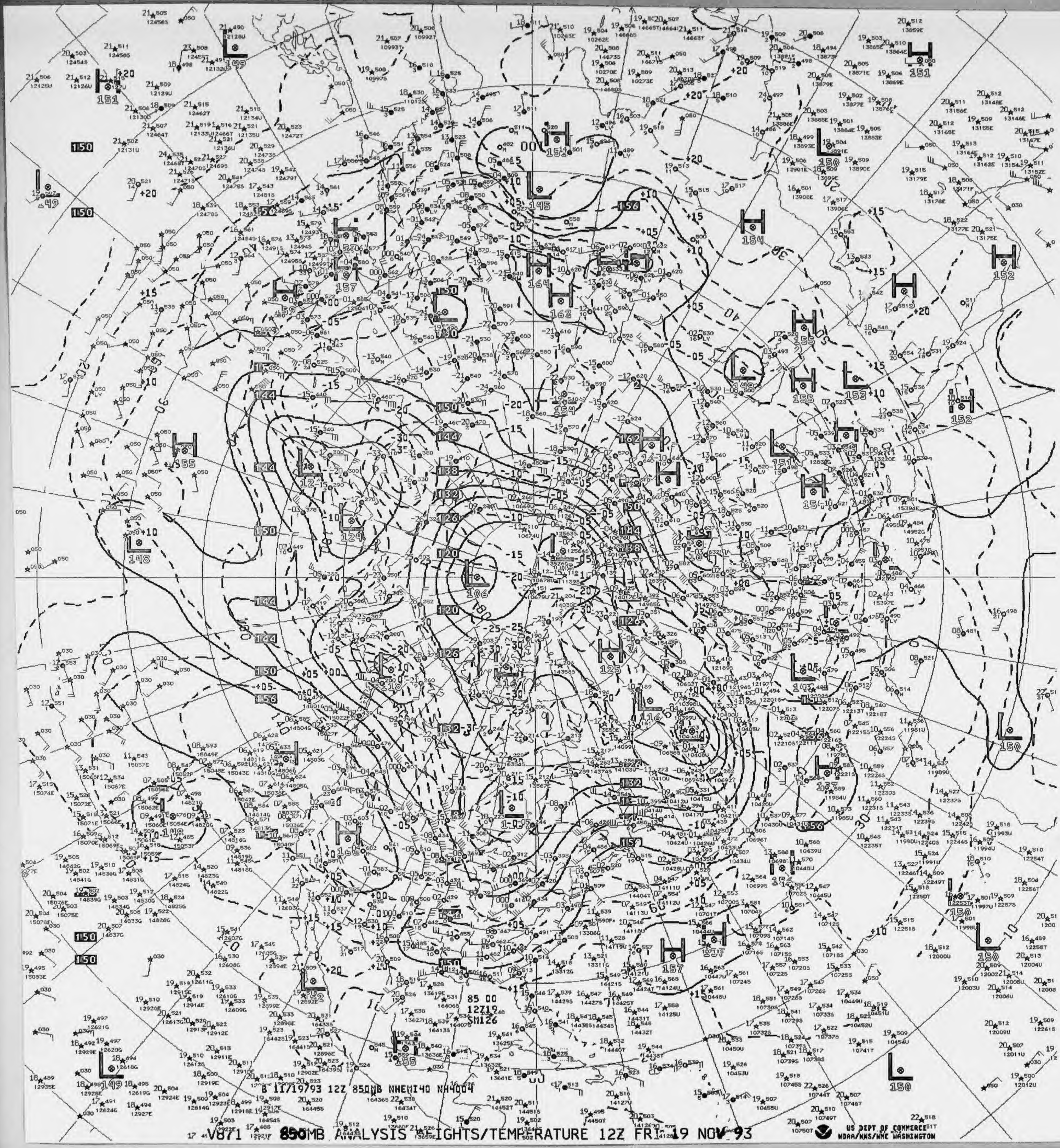
US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON



B 11719793 12Z 850MB NHEMI40 NH4004

V871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 19 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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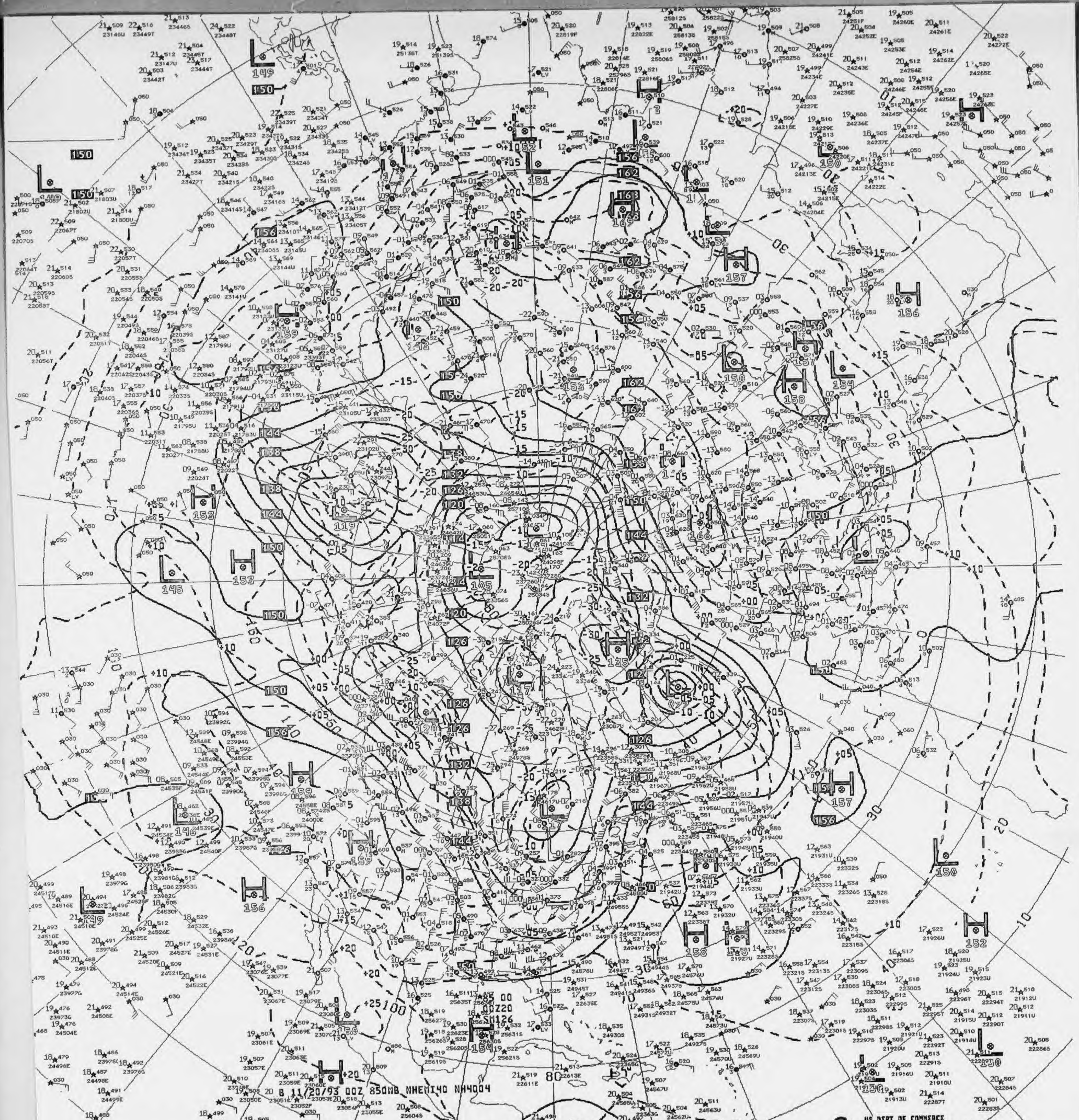
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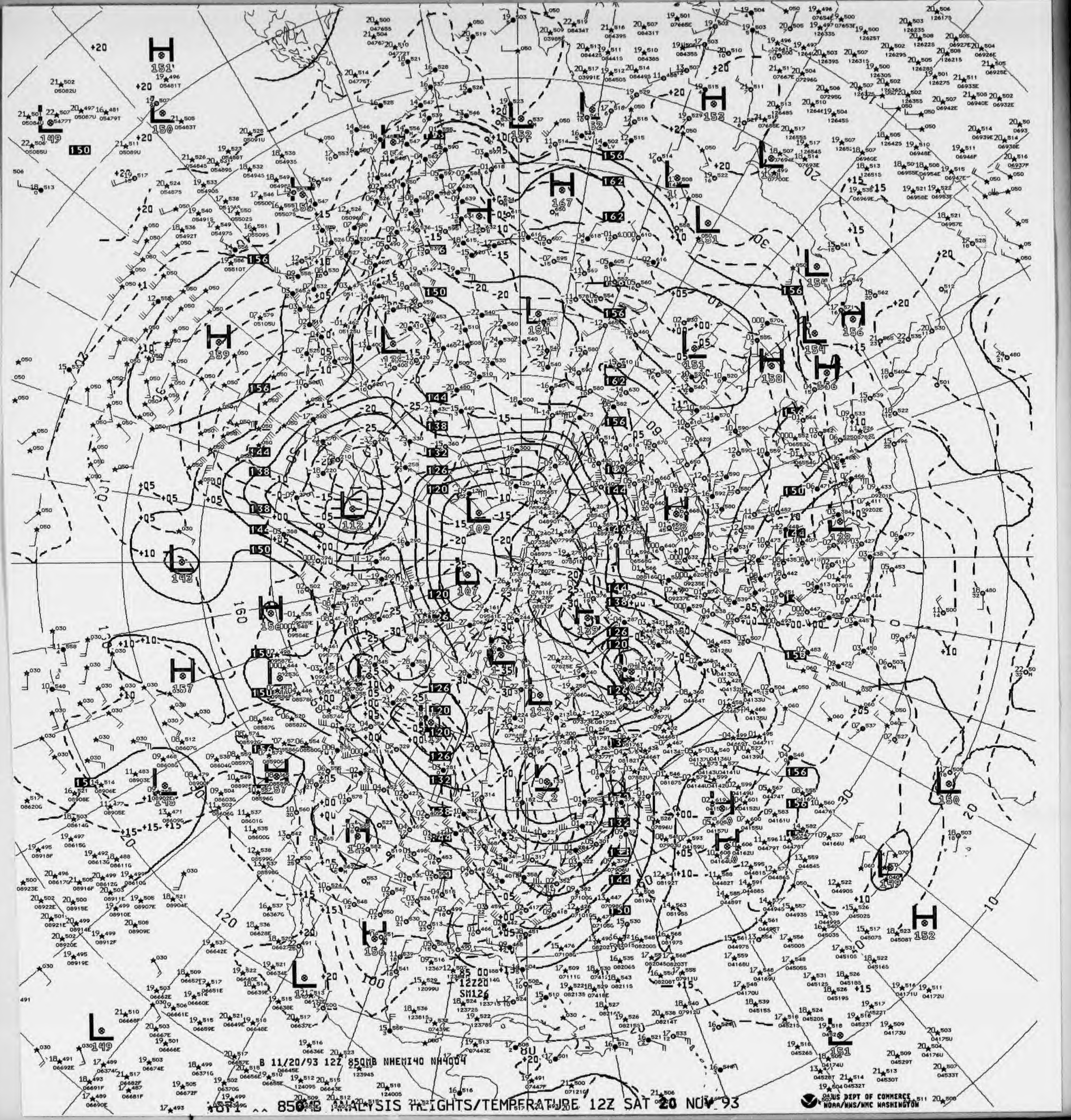
L 149
L 145
L 105
L 117
L 119
H 169
H 166
H 157
H 158
H 153
H 156
H 152
L 150
L 154

V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 20 NOV 93

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON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L 150
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H 152
L 152
H 167
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H 158
H 159
L 112
L 109
L 107
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H 157
L 139
L 128
L 126
L 121
H 156
L 150
H 152
L 149
L 151
12Z20
SM126

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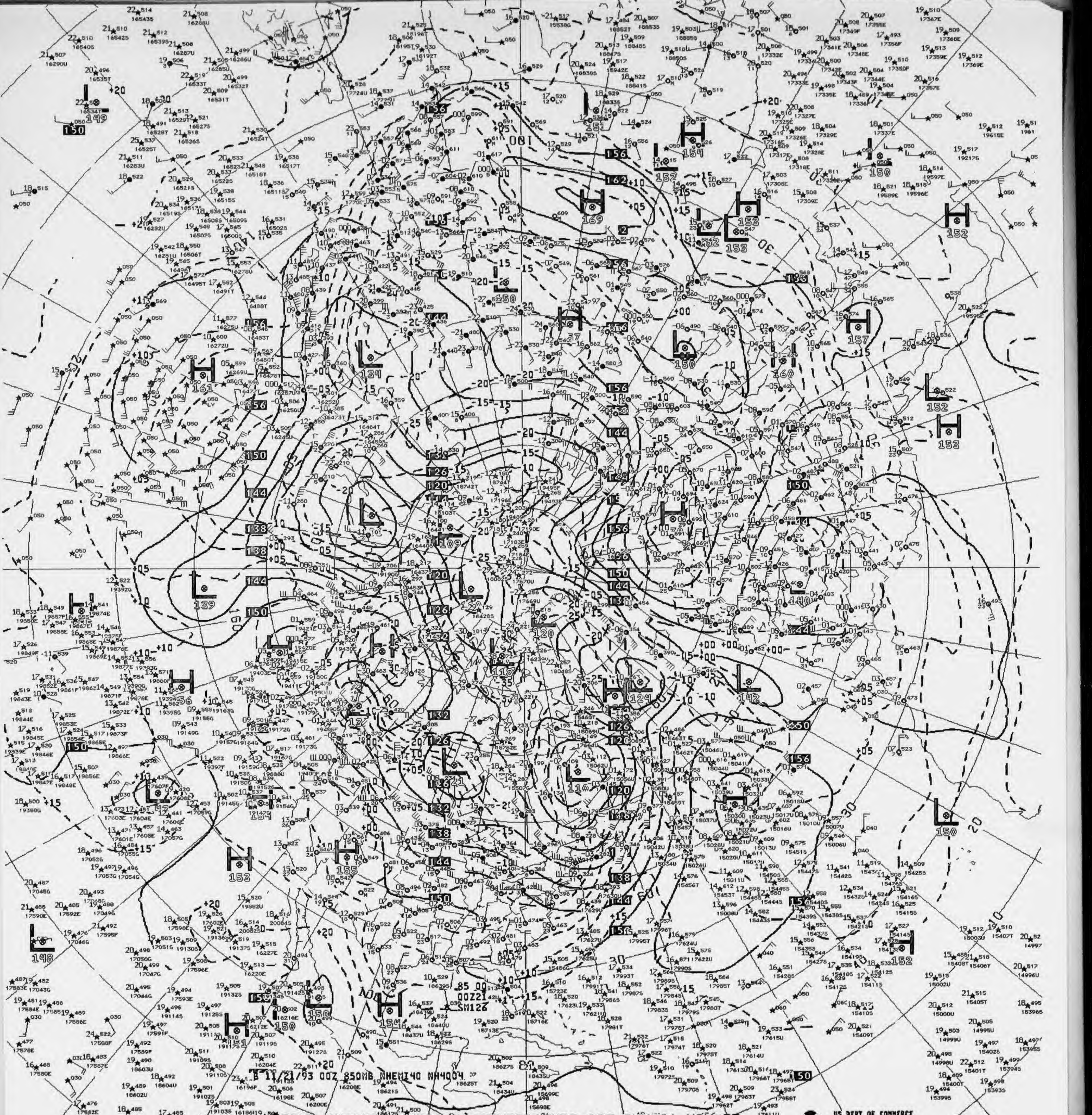
850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 20 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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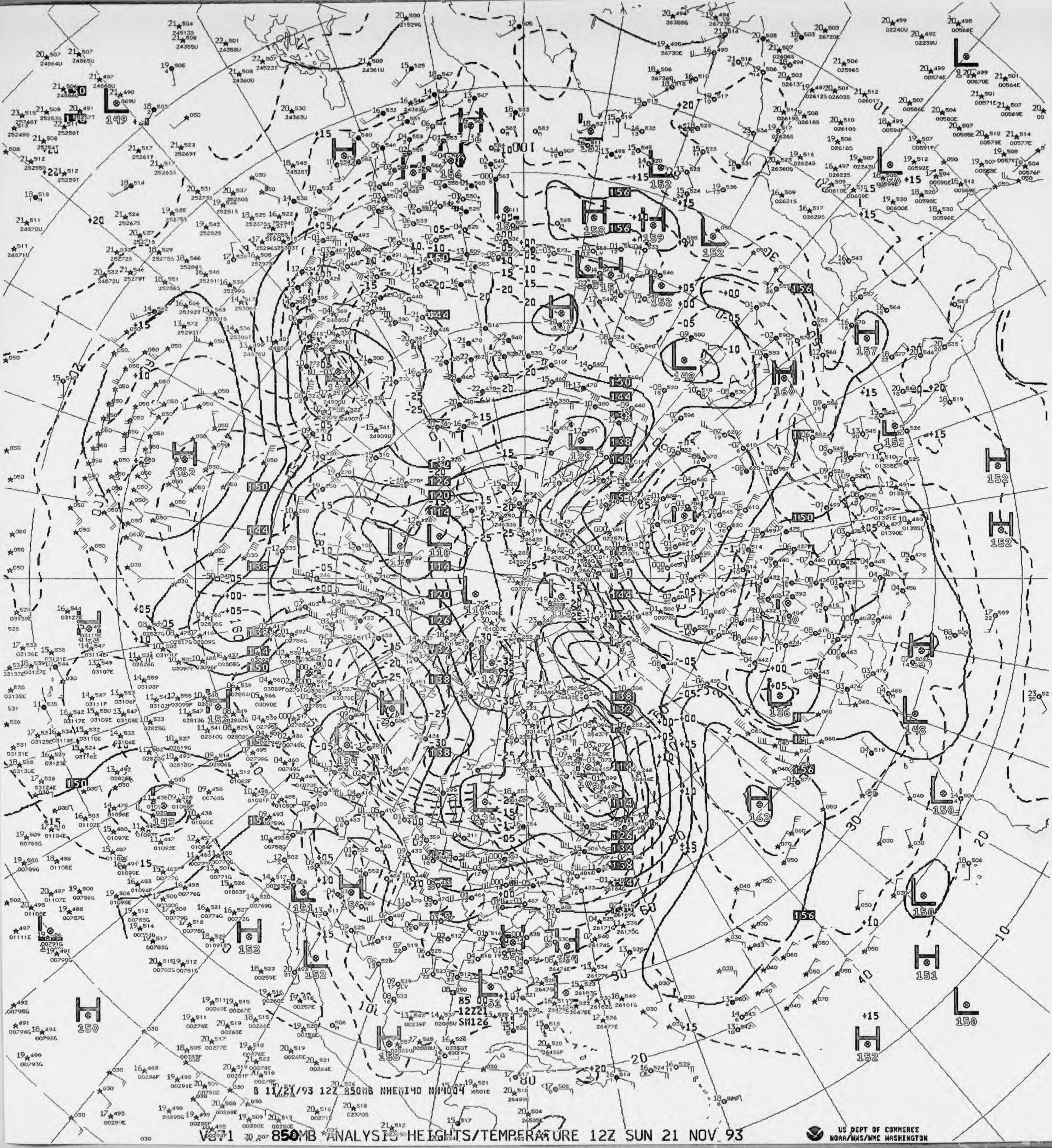
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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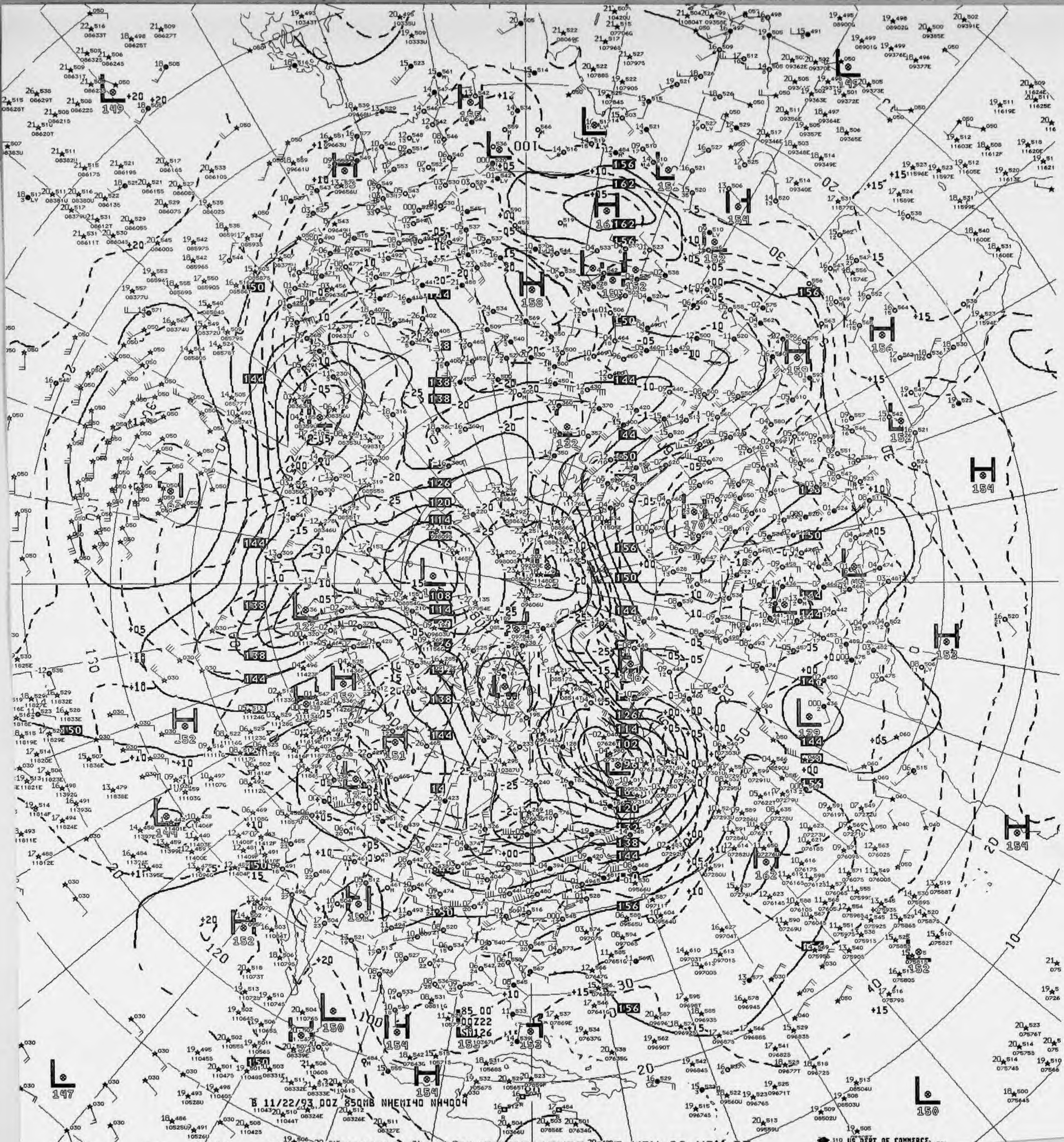
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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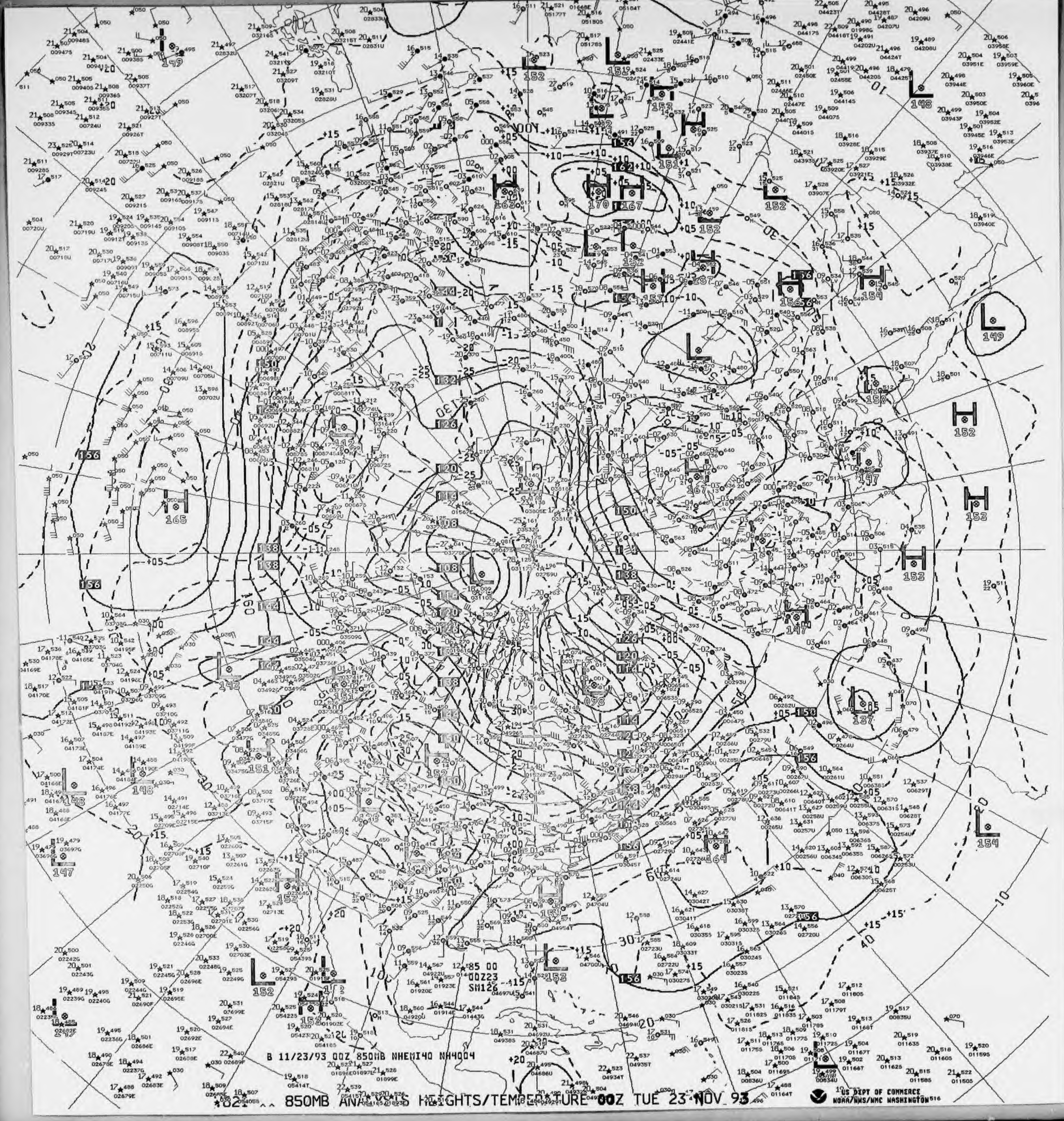
0821 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 22 NOV 93

US DEPT OF COMMERCE



85 00
00Z23
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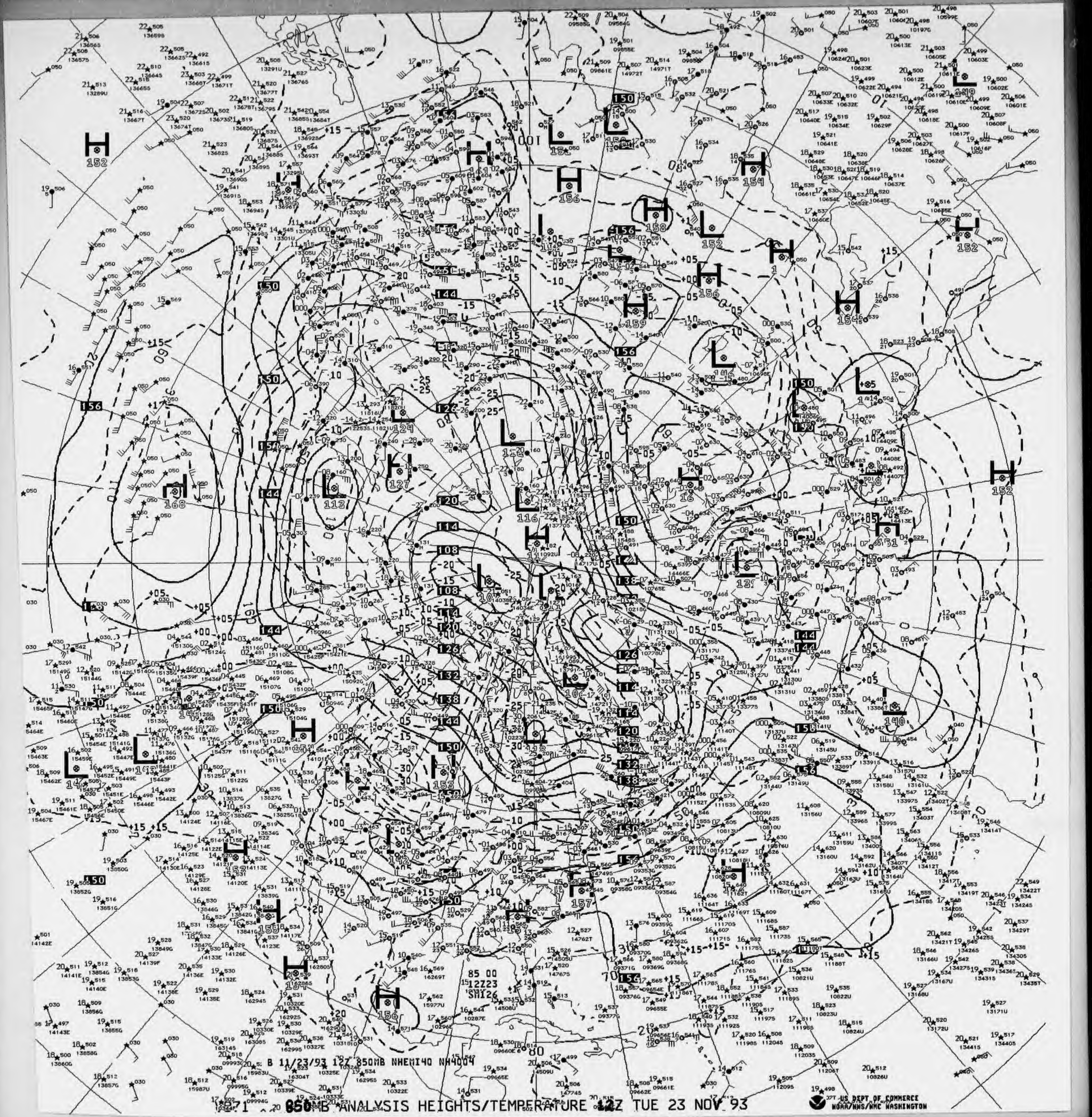
B 11/23/93 00Z 850MB NHEMI40 NH4004

850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 23 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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SHI26

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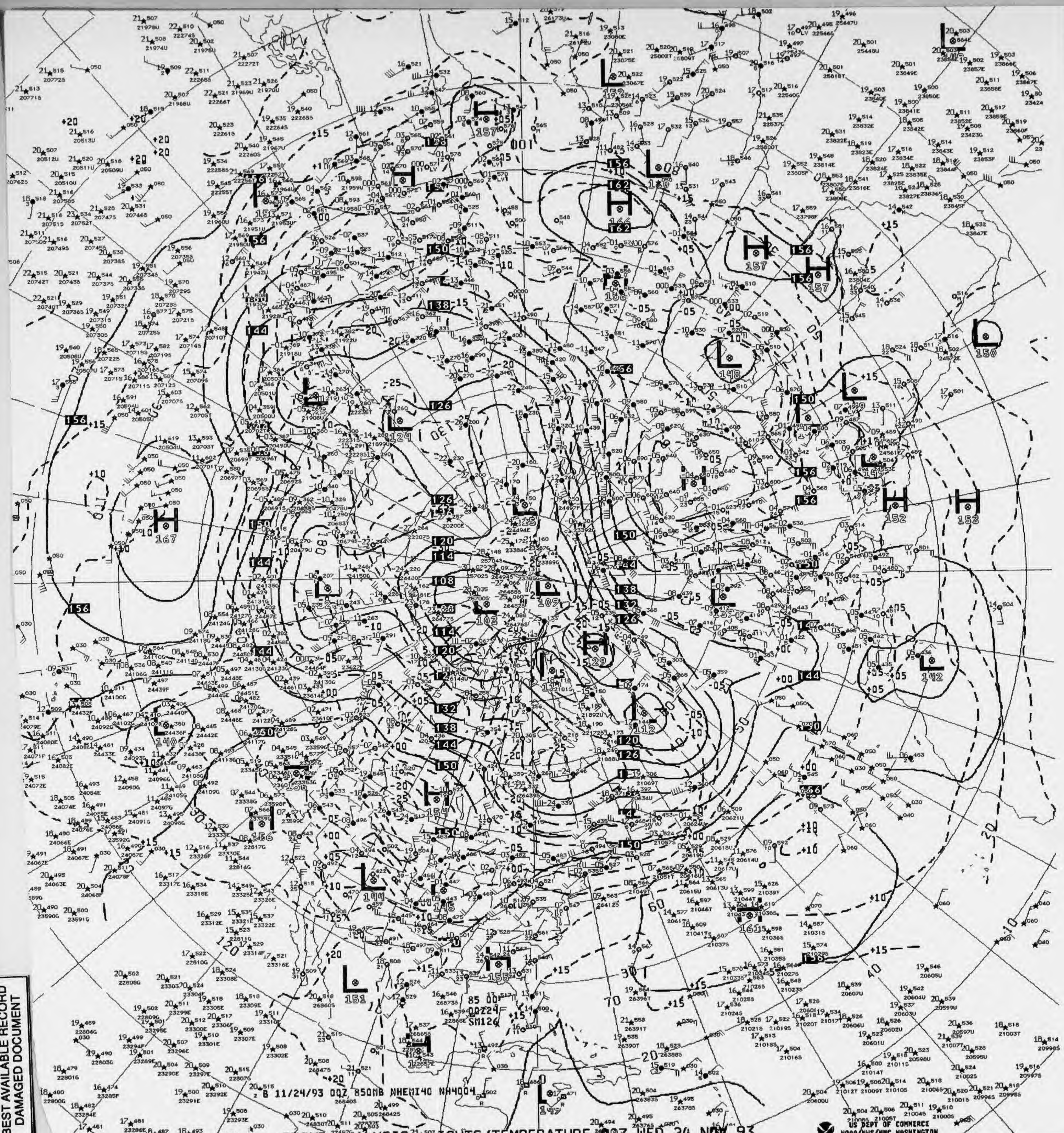
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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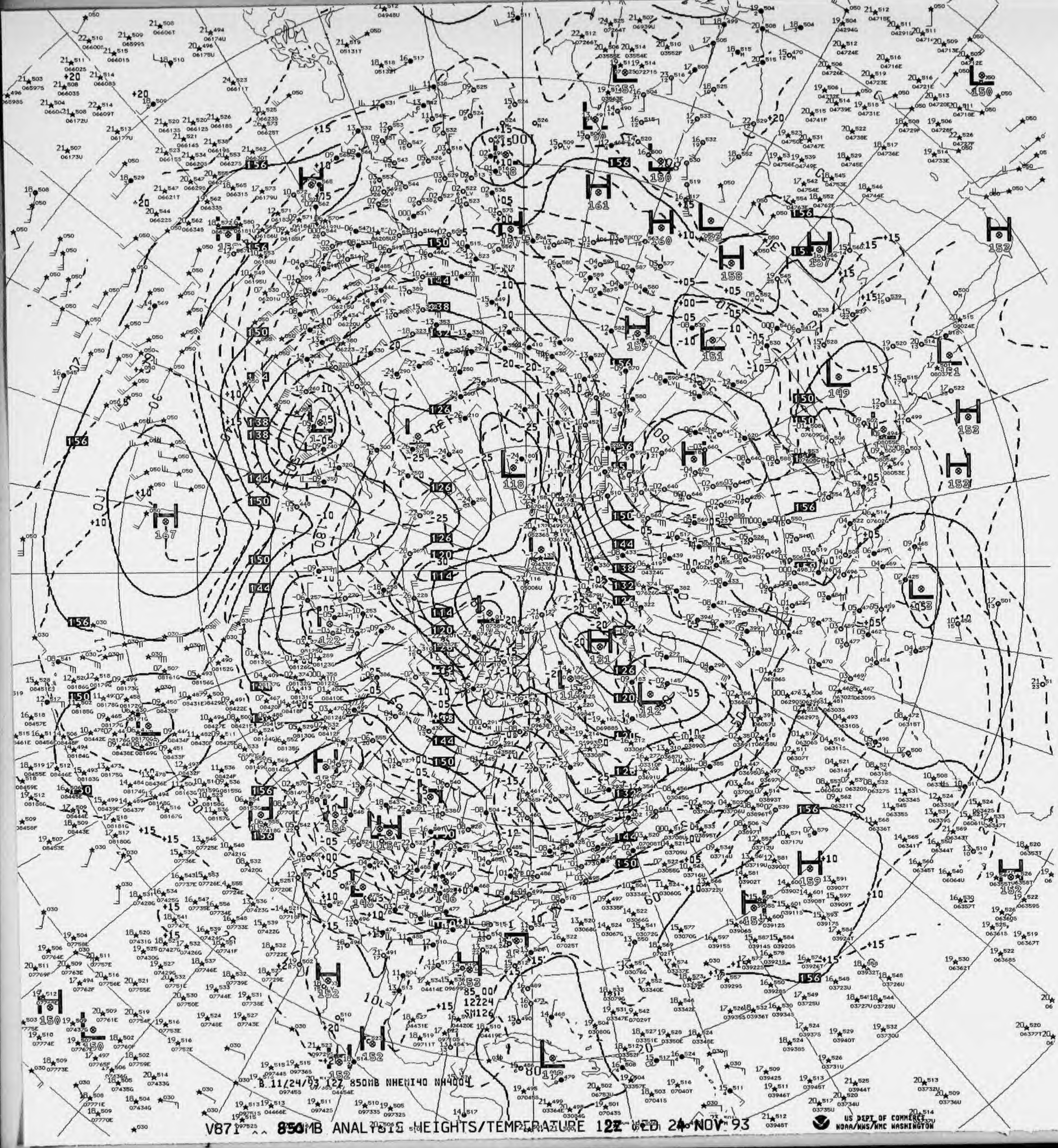
85 00Z
00224
SM126

V821 ^^850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 24 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

BEST AVAILABLE RECORD
DAMAGED DOCUMENT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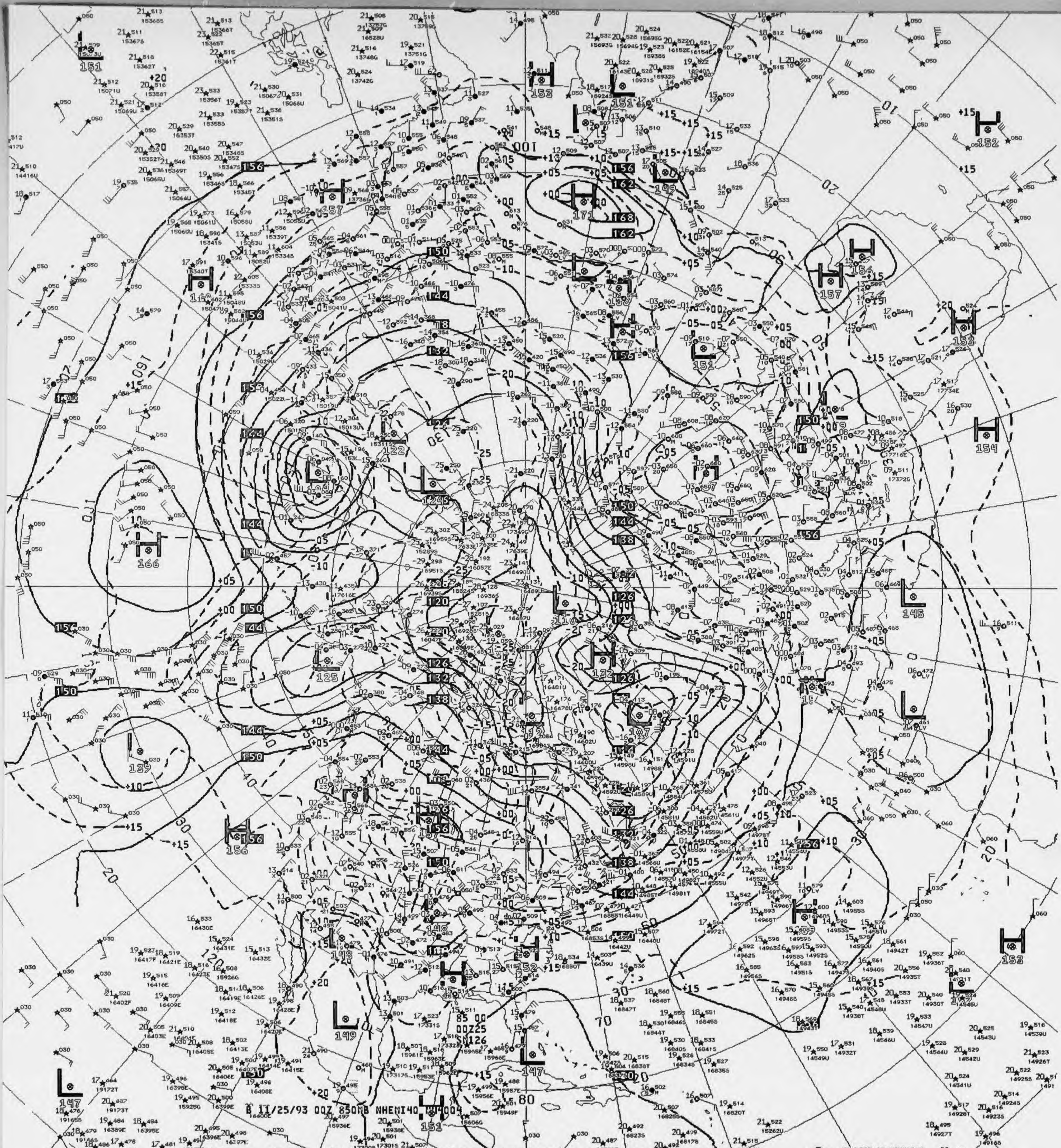
V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 24 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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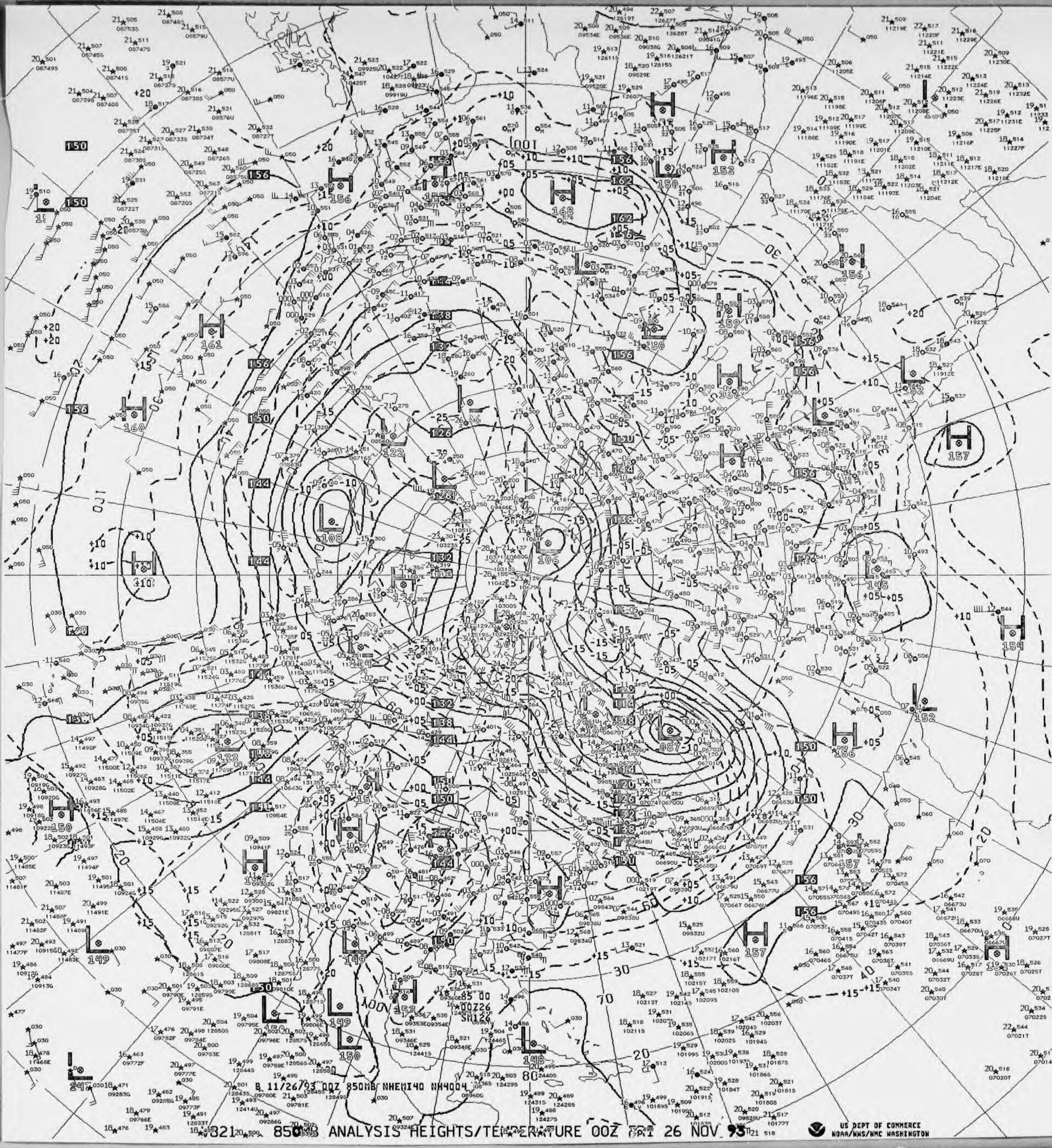
V821 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 25 NOV 93

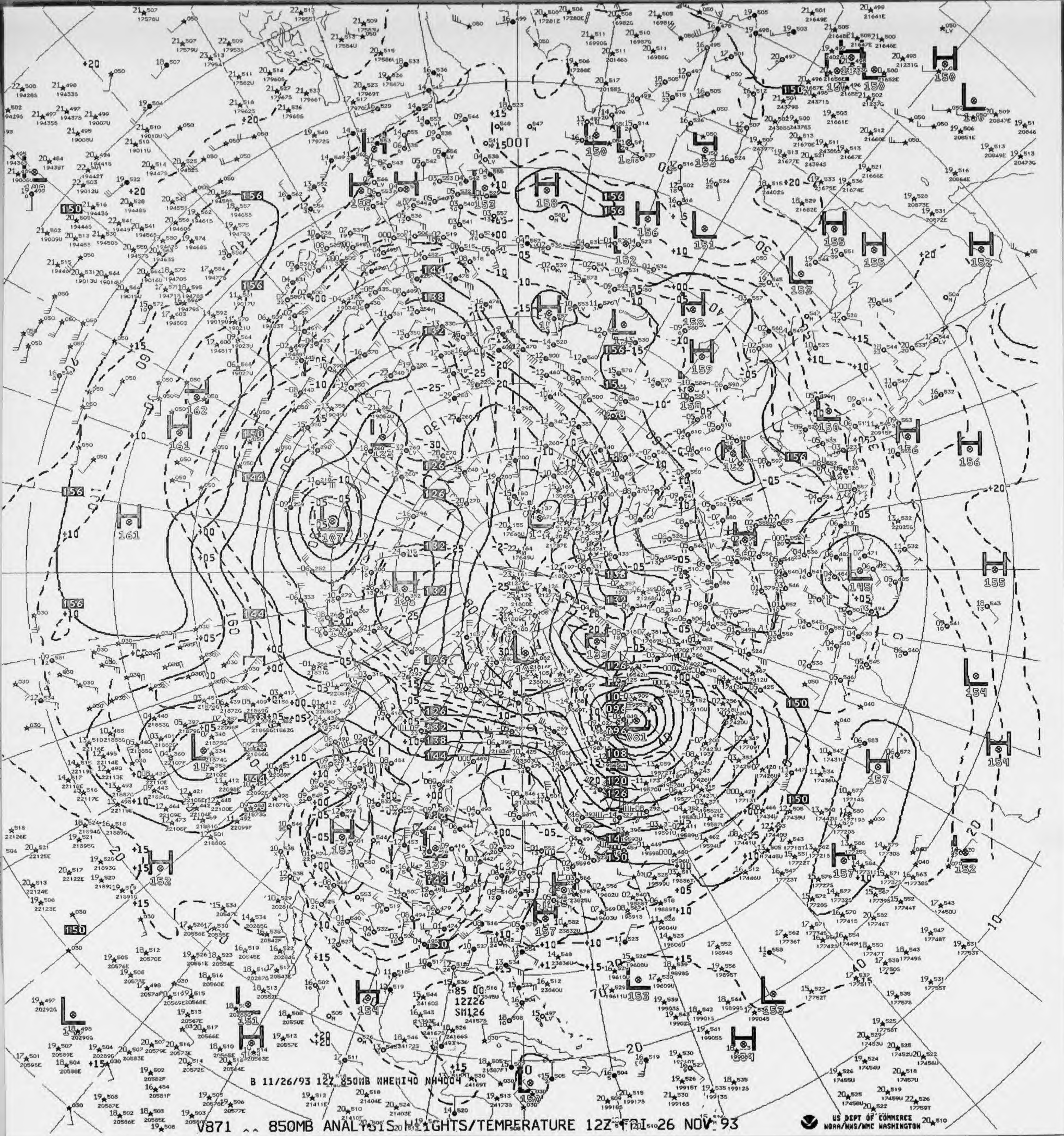
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 11/26/93 00Z 850MB NHEMI40 NH4004

821 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 26 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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12Z26
SM126

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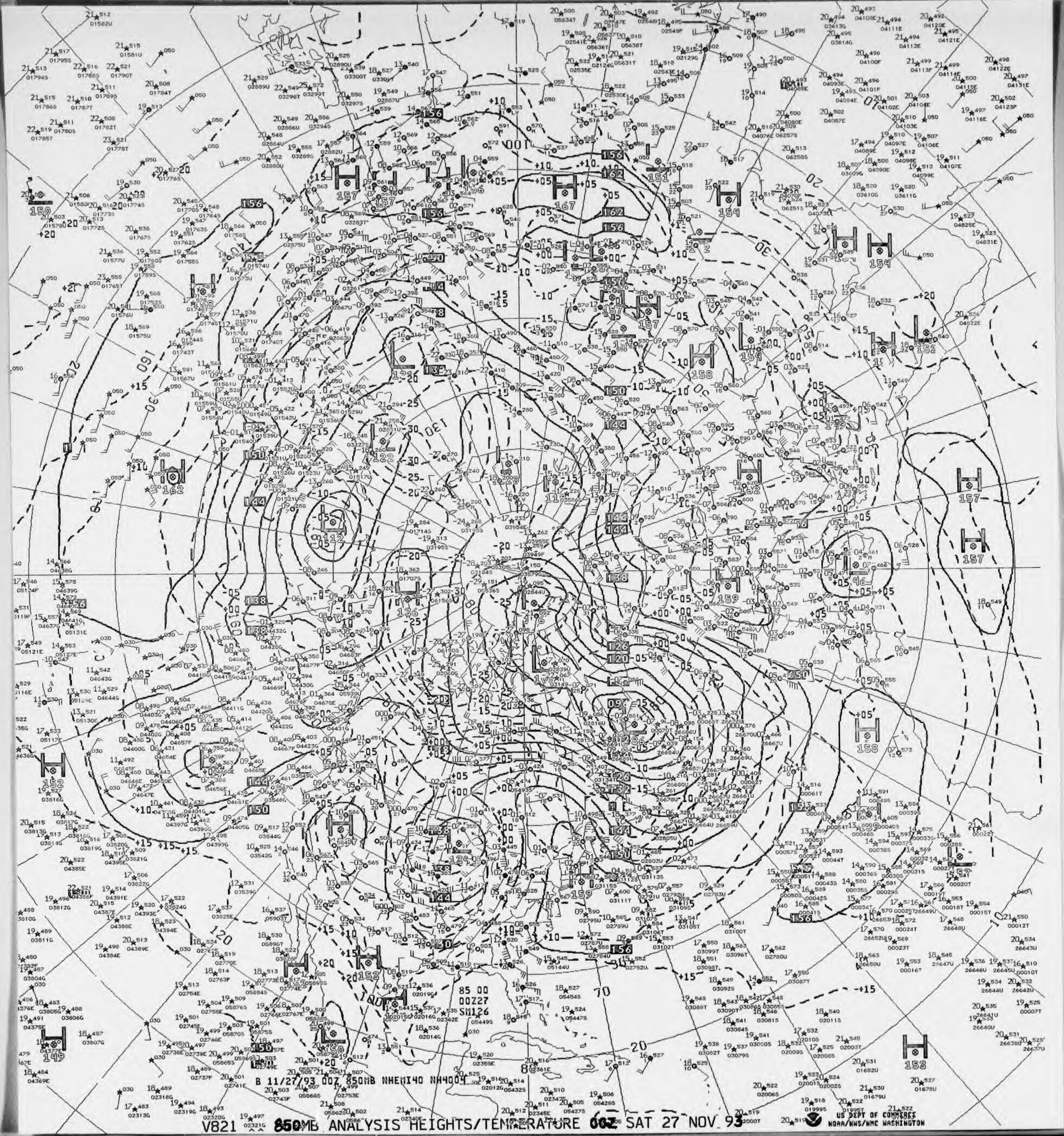
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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00Z27
SM126
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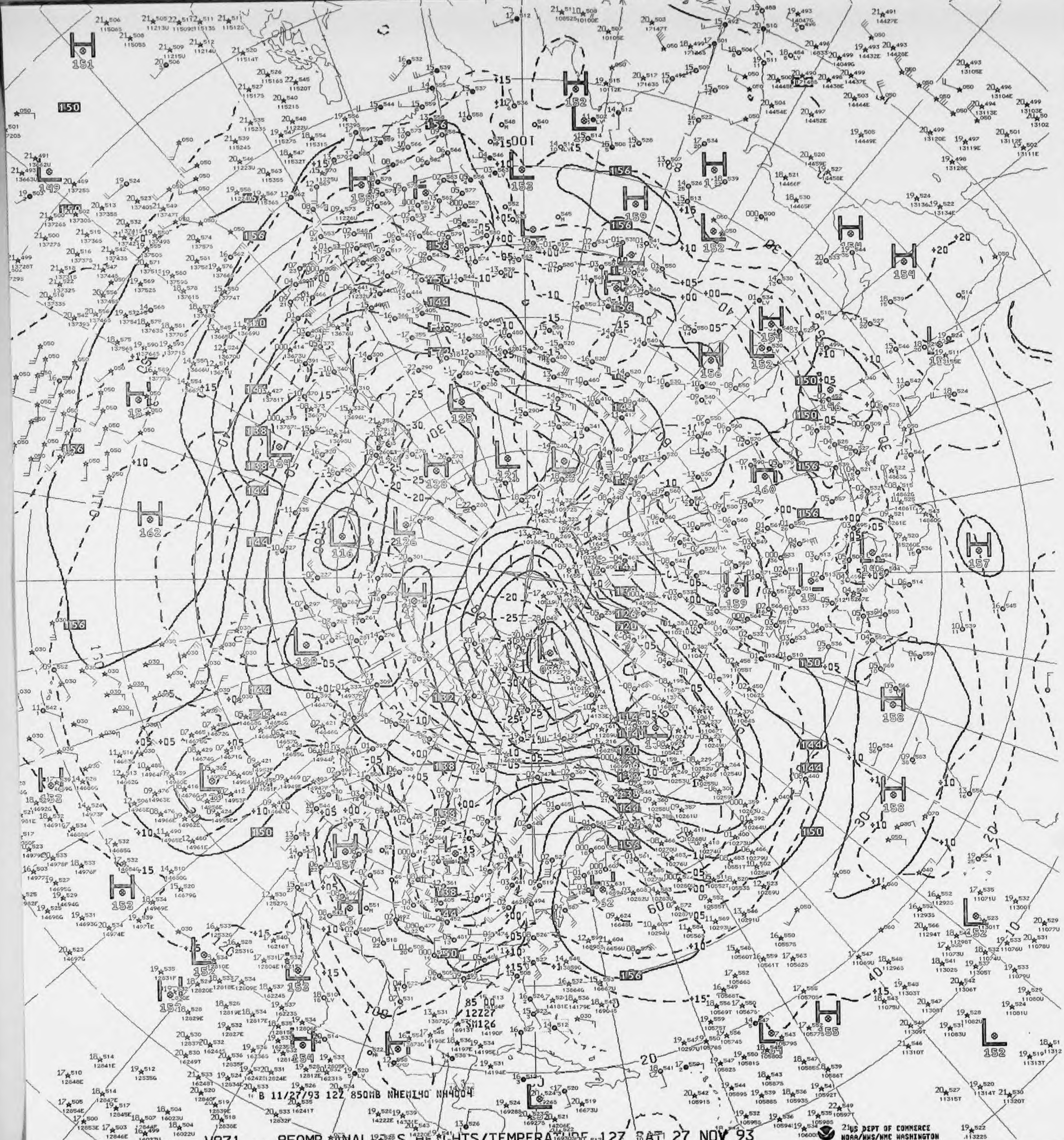
V821 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 27 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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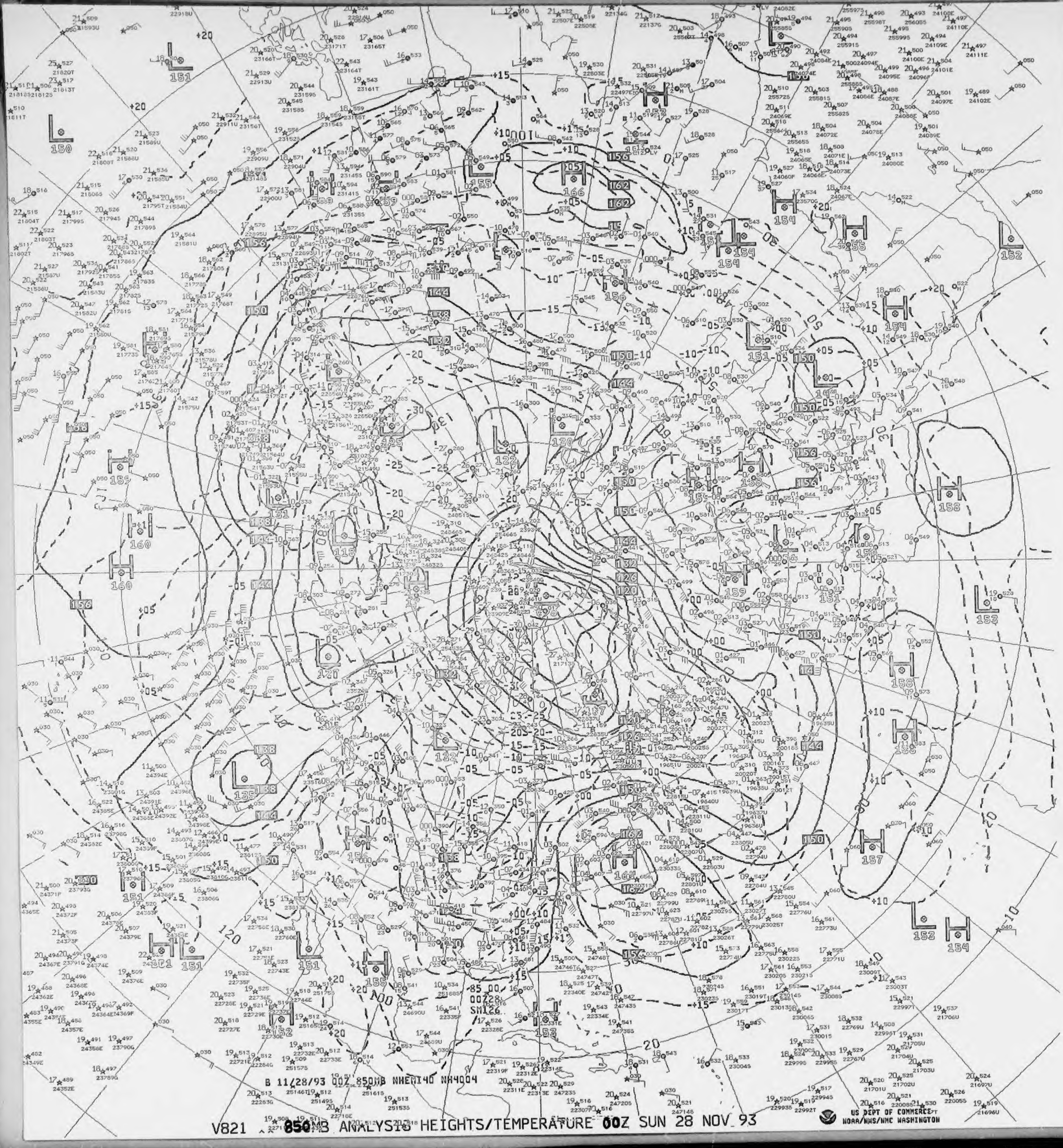
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

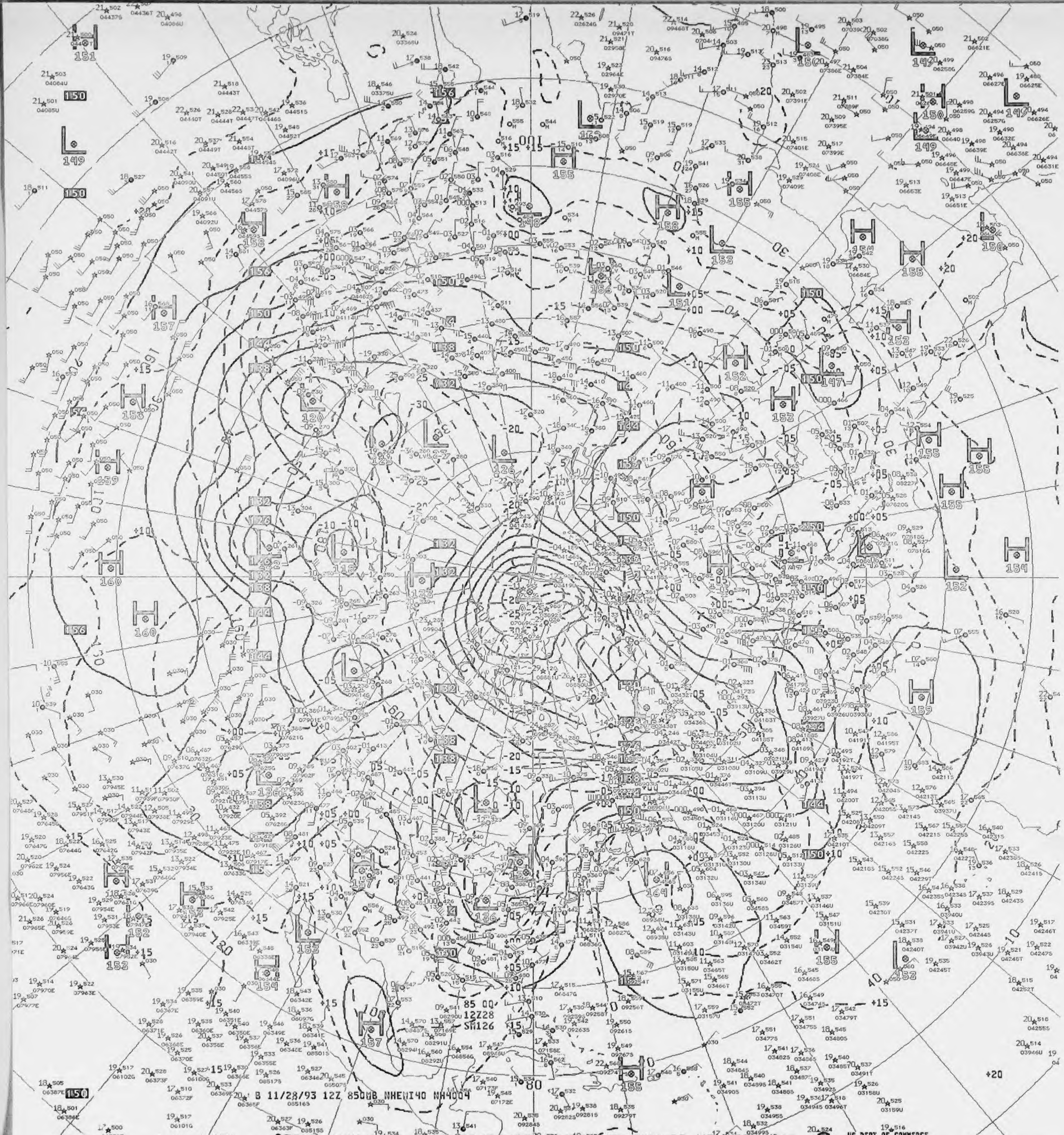
V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 27 NOV 93



B 11/28/93 00Z 850MB NHEMI40 NH4004

V821 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 28 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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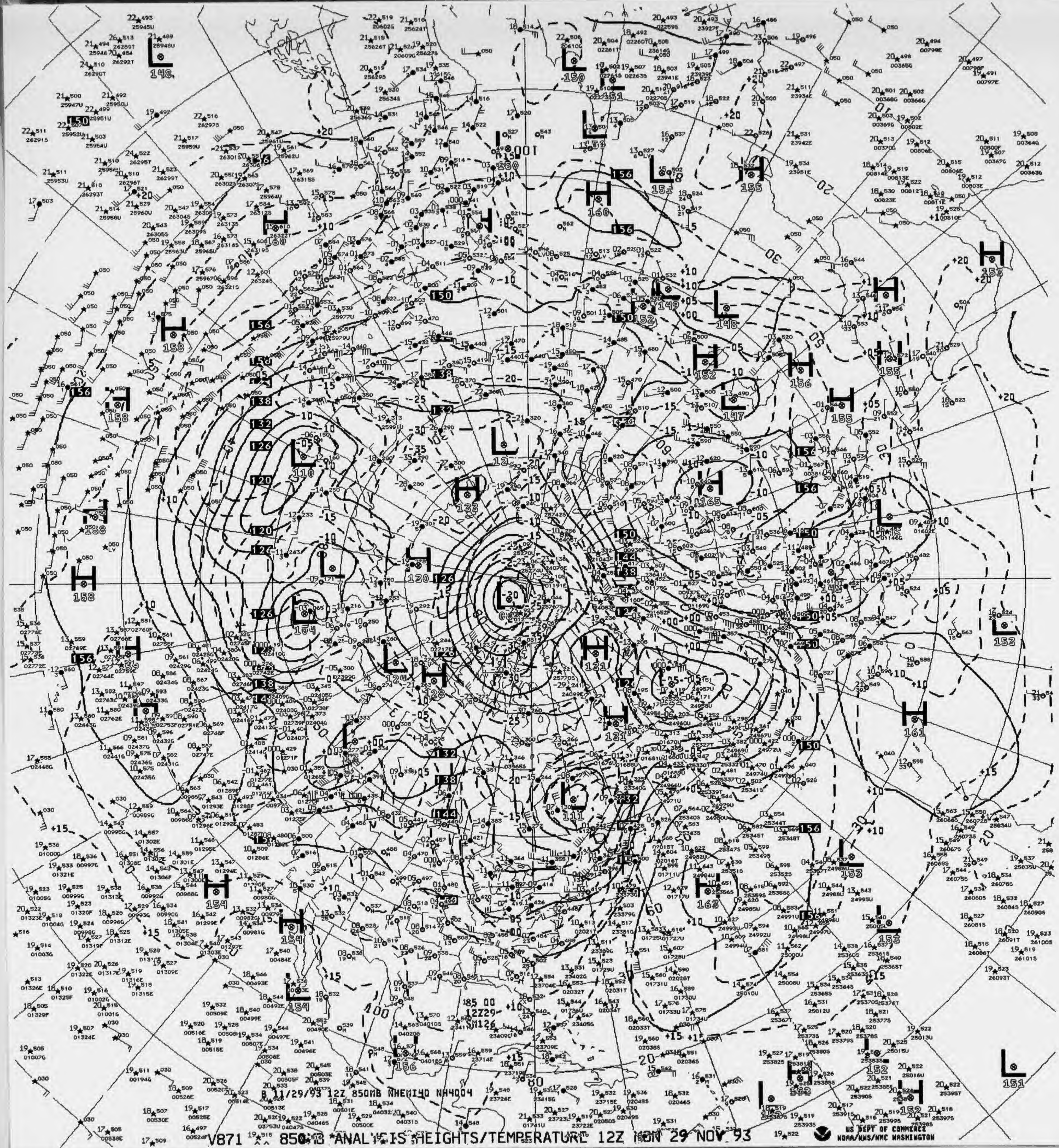
SM126

V871 ^^ 850 MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 28 NOV 93

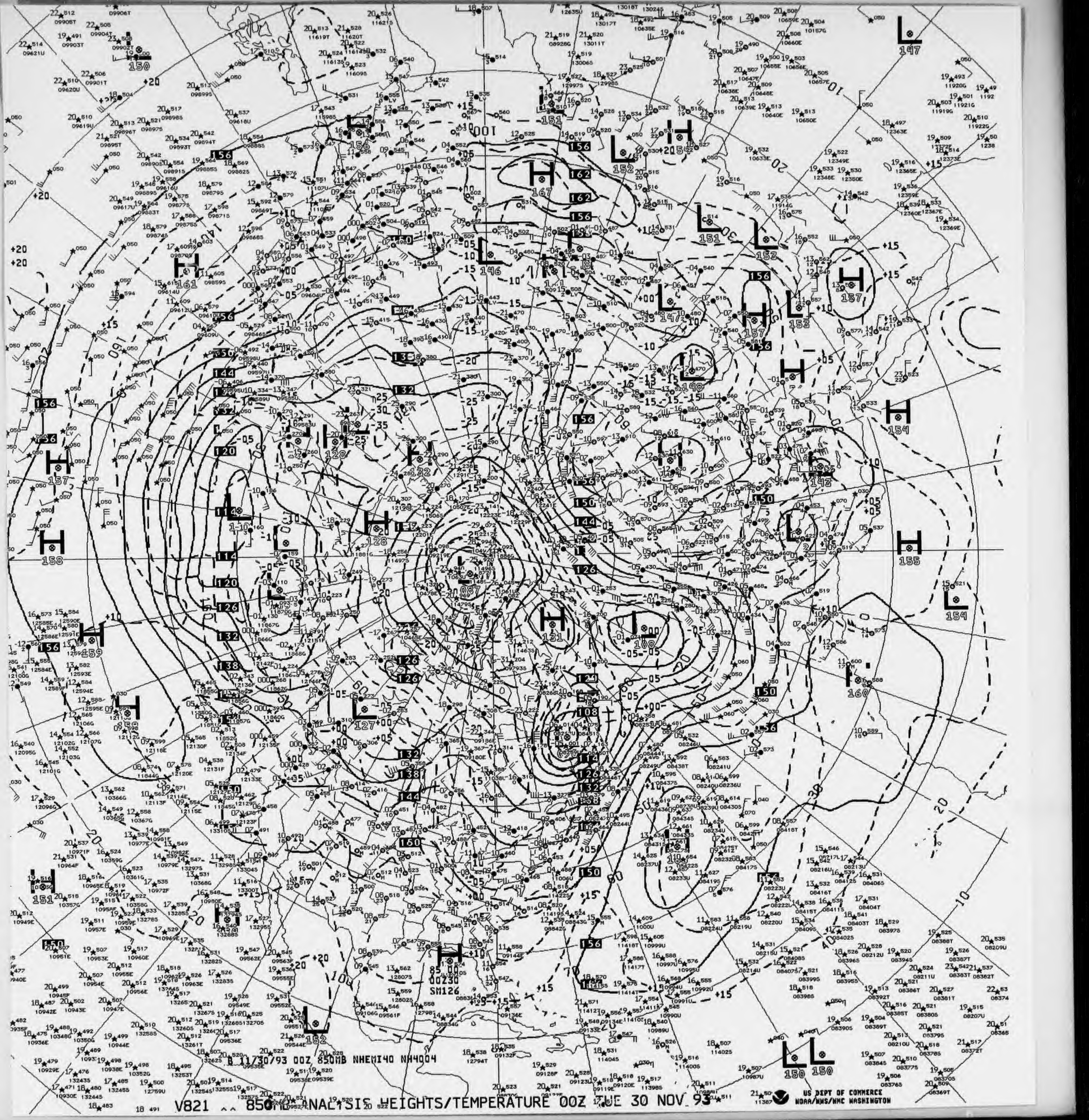
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 11/29/93 12Z 850MB NHEMI40 NH4004

V871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 29 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 155
H 154
H 160
L 147
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L 151
L 152
L 153
L 148
L 108
L 087
L 127
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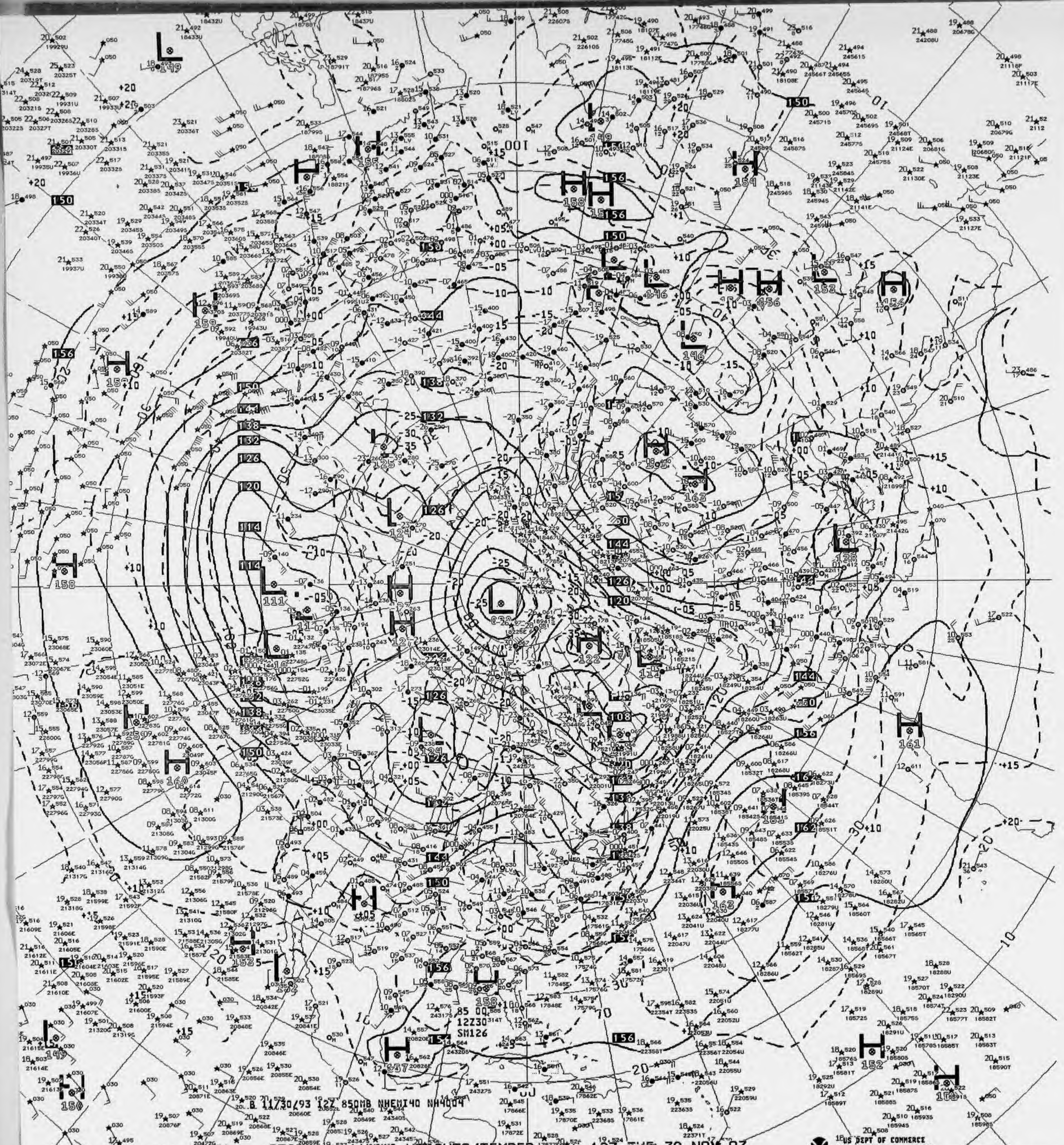
V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 30 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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1831 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 30 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V. 8-83)

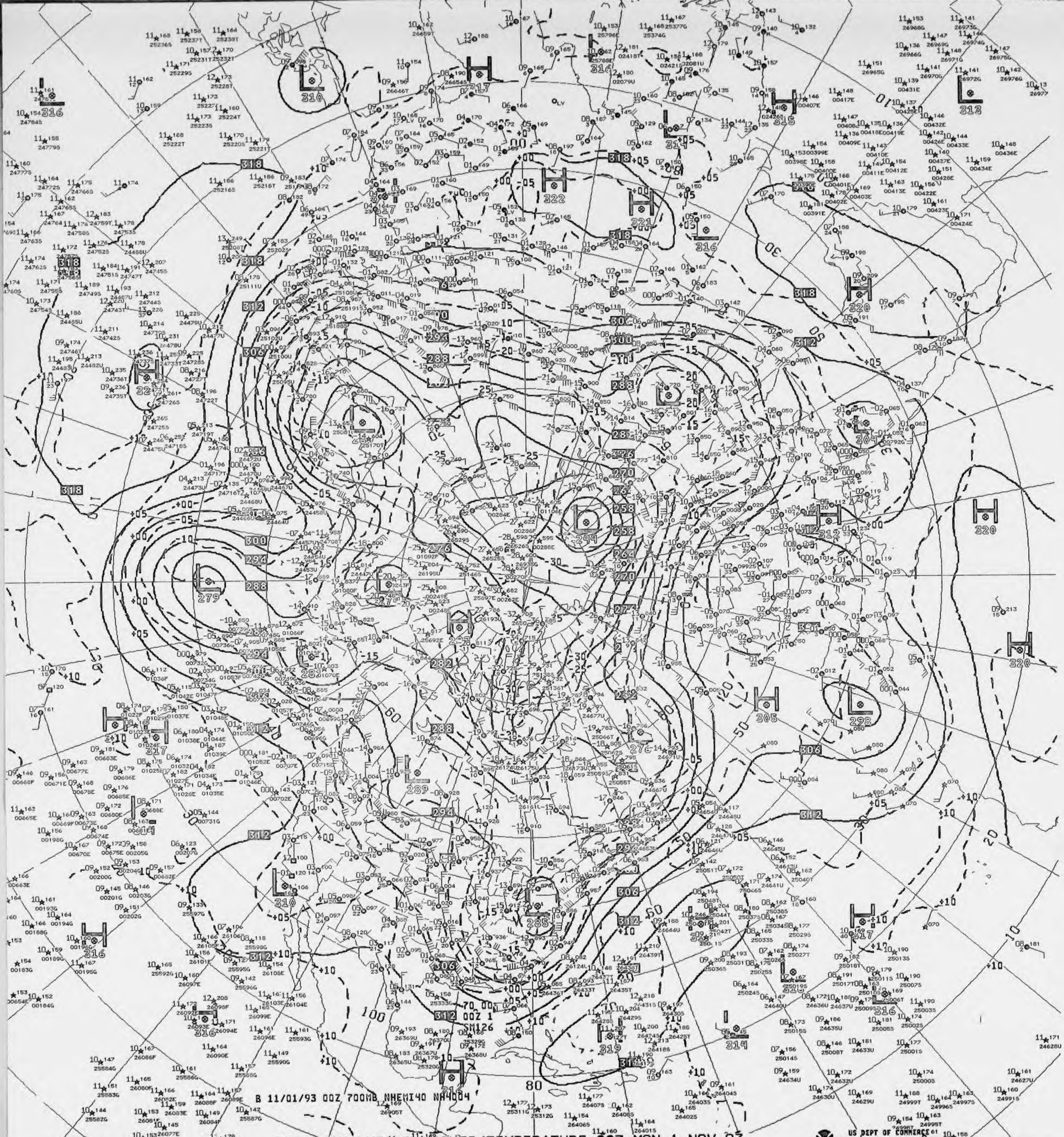
National Environmental Satellite, Data, and Information Se
National Climatic Data Center

DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA

700 MB CONSTANT PRESSURE CHARTS

NORTHERN HEMISPHERE NWP

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING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V822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 1 NOV 93

US DEPT OF COMMERCE
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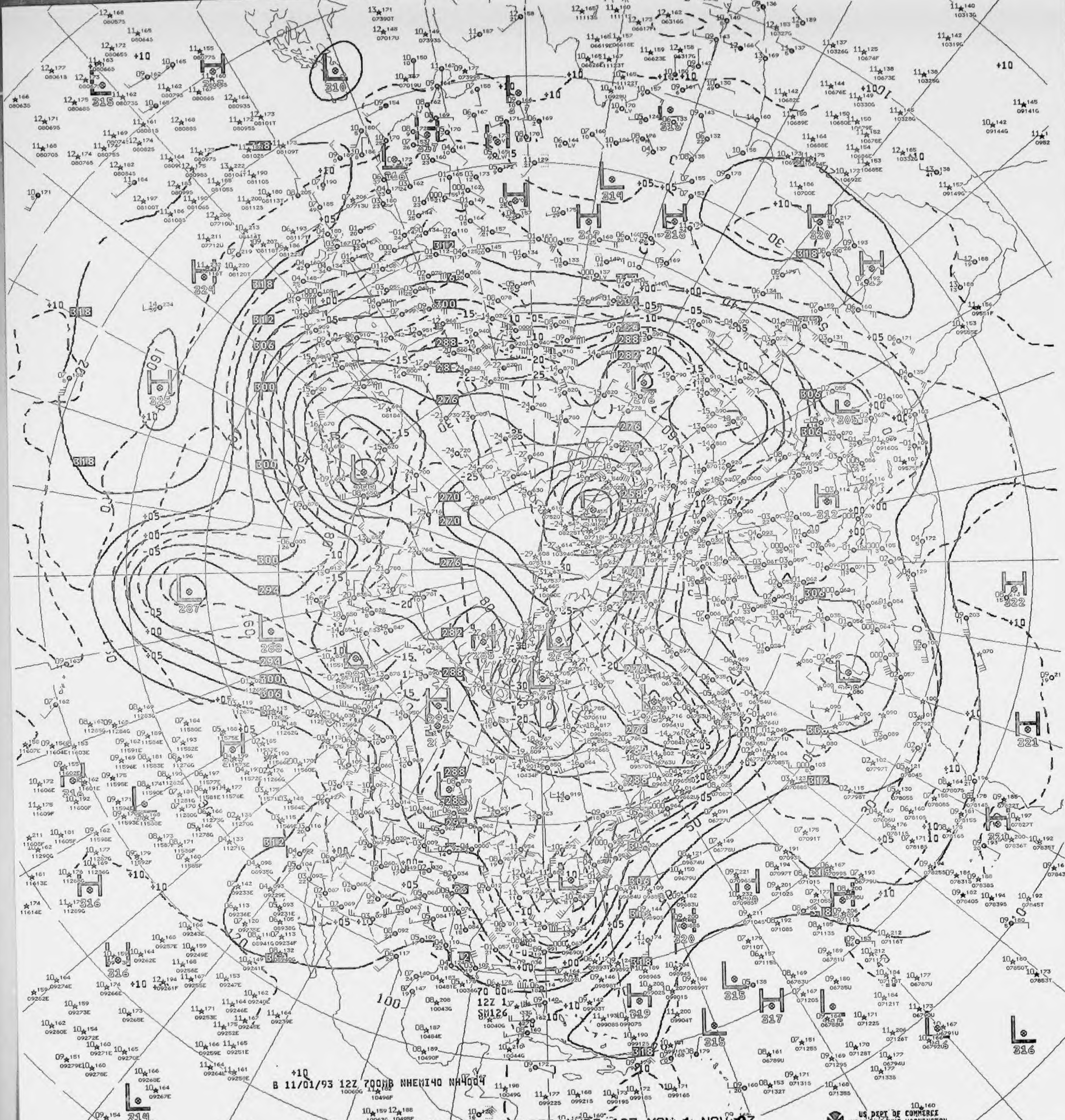
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H 316
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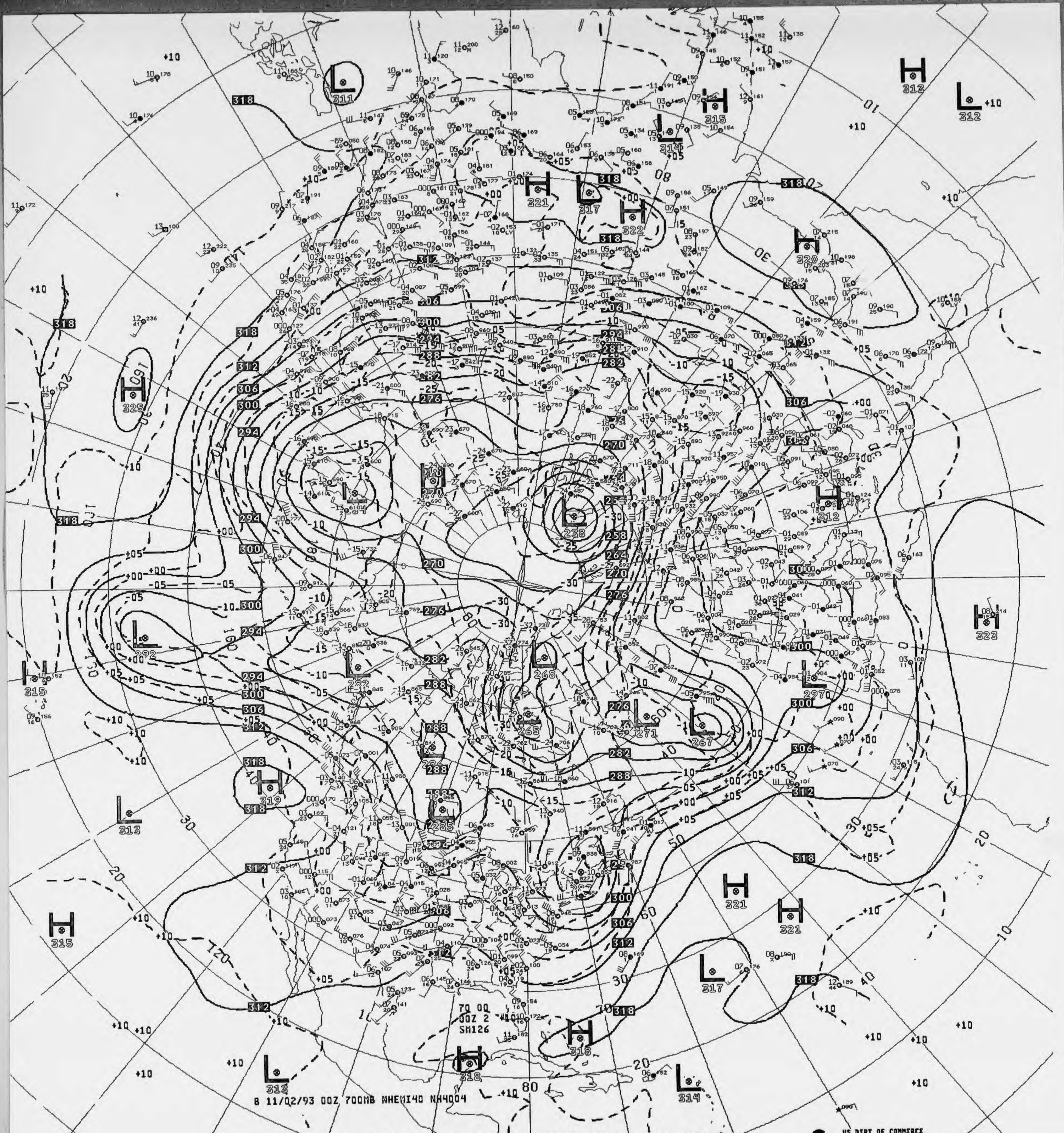
V872 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 1 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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00Z 2
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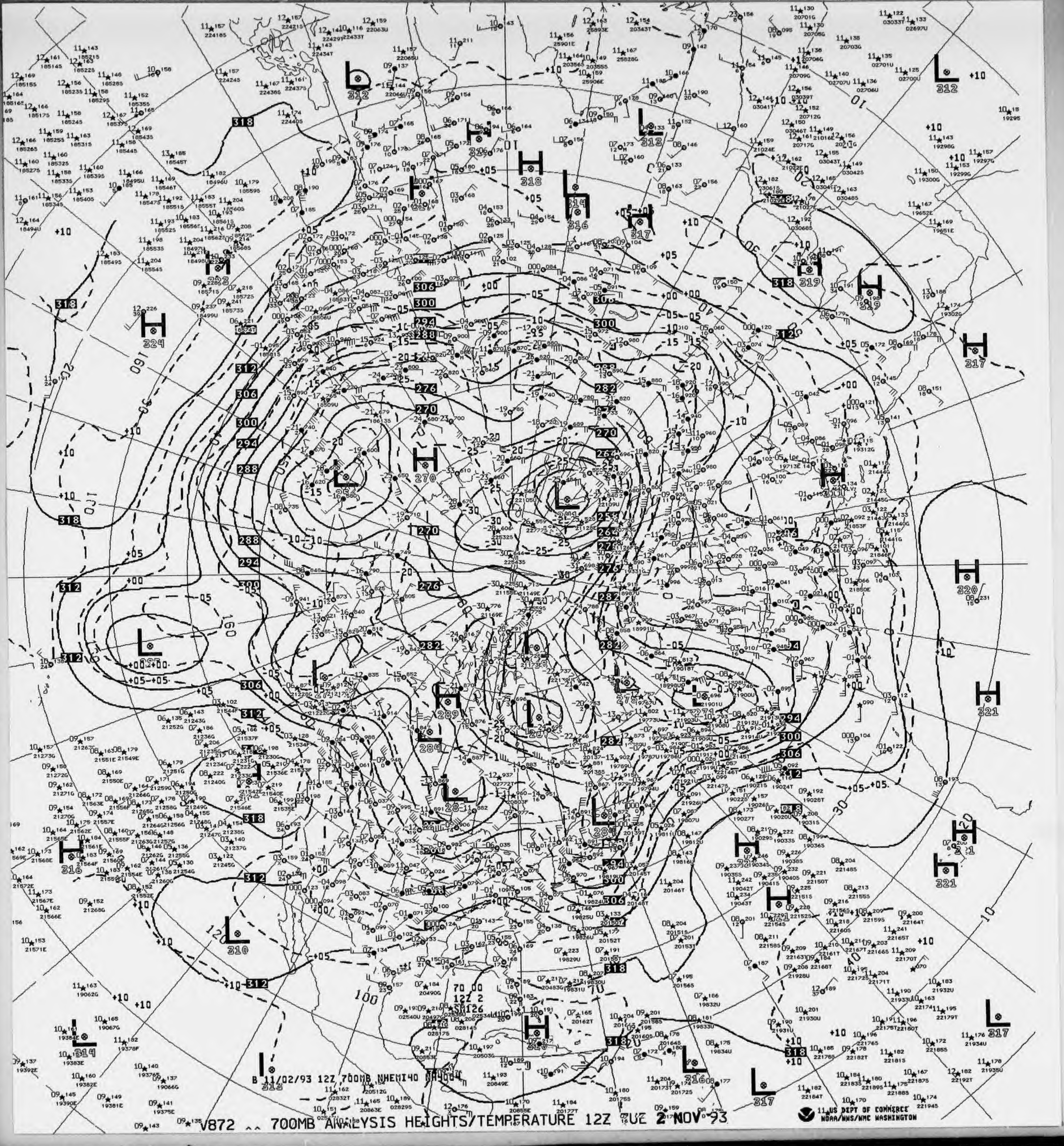
V822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 2 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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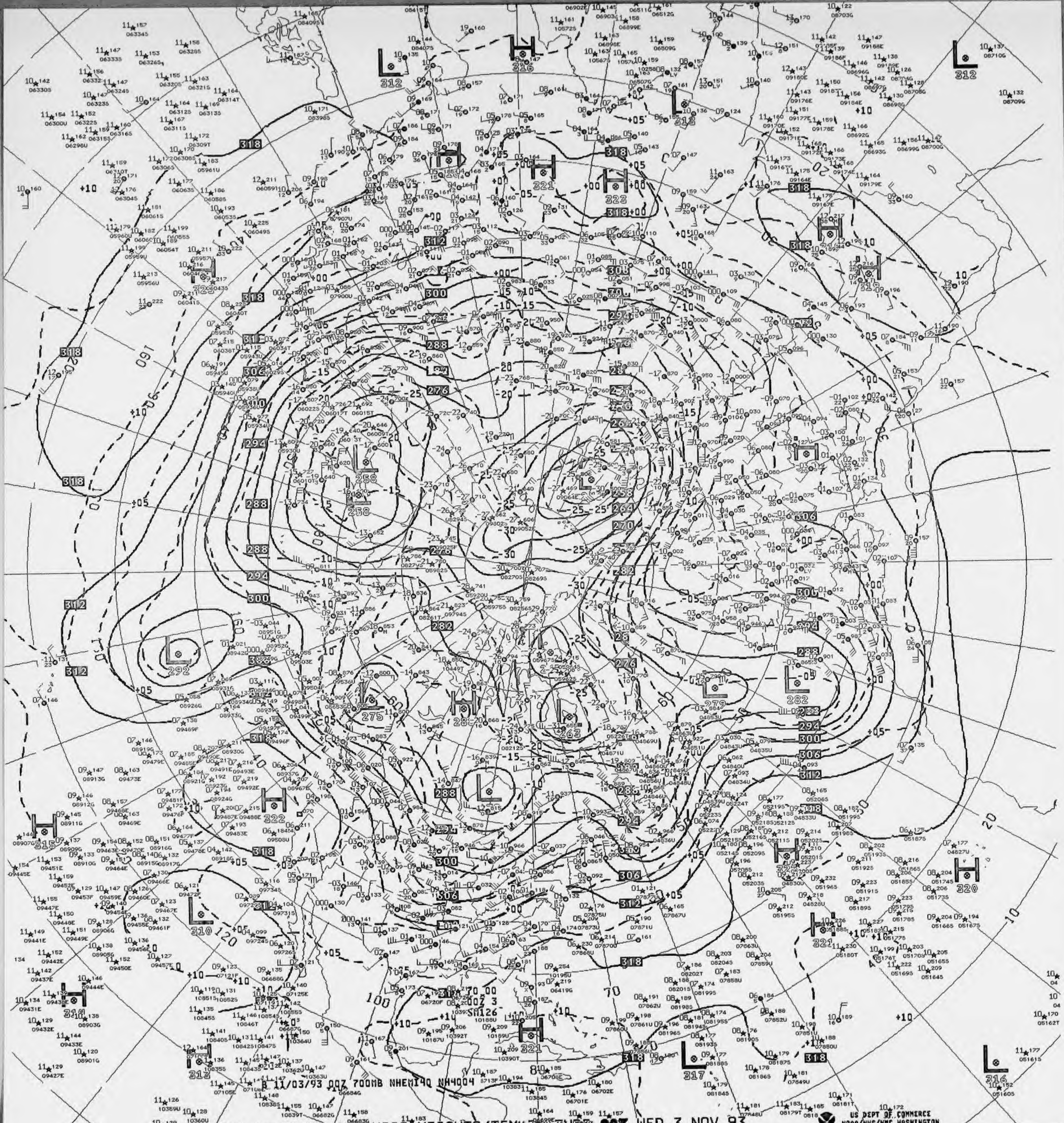
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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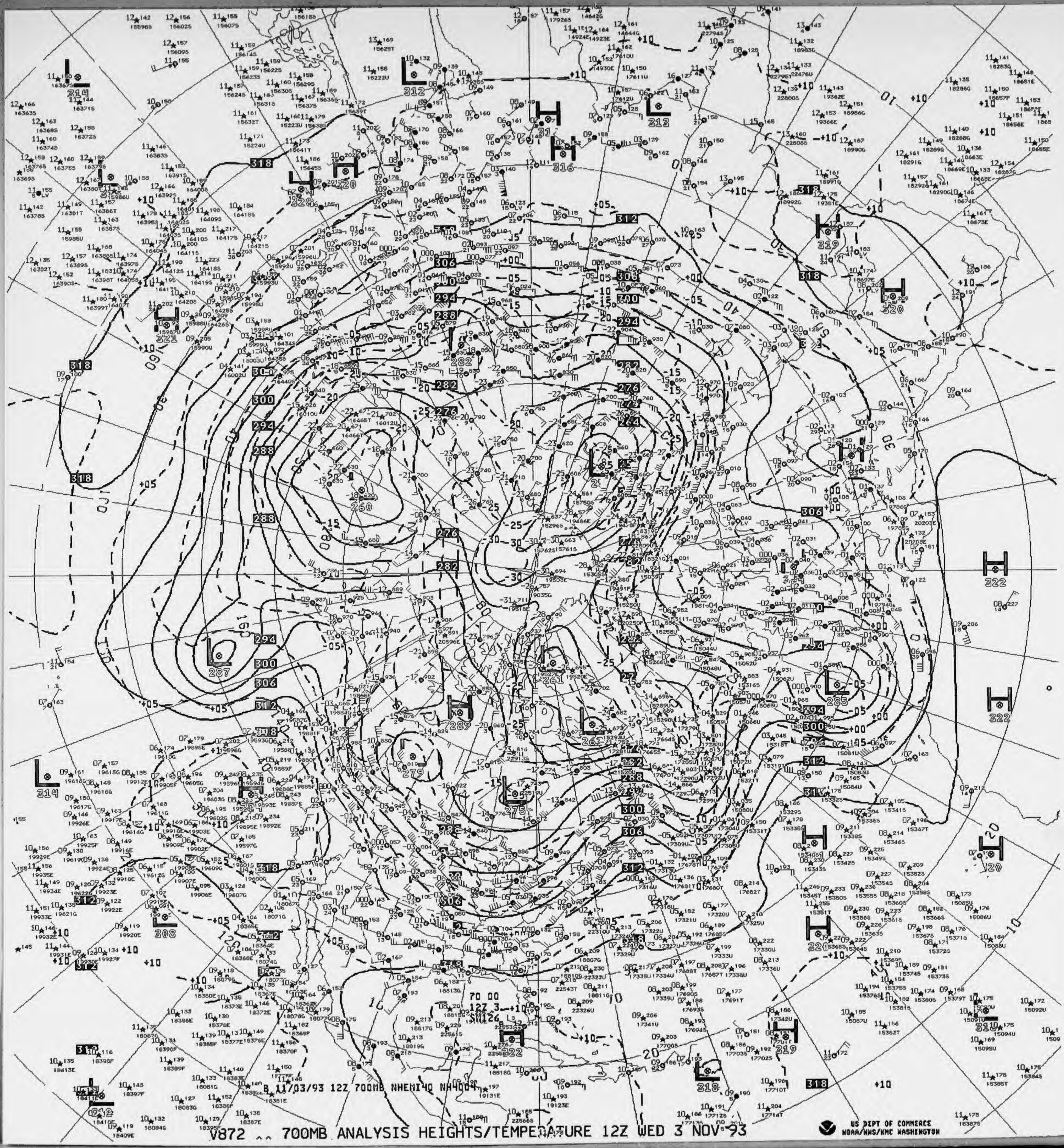
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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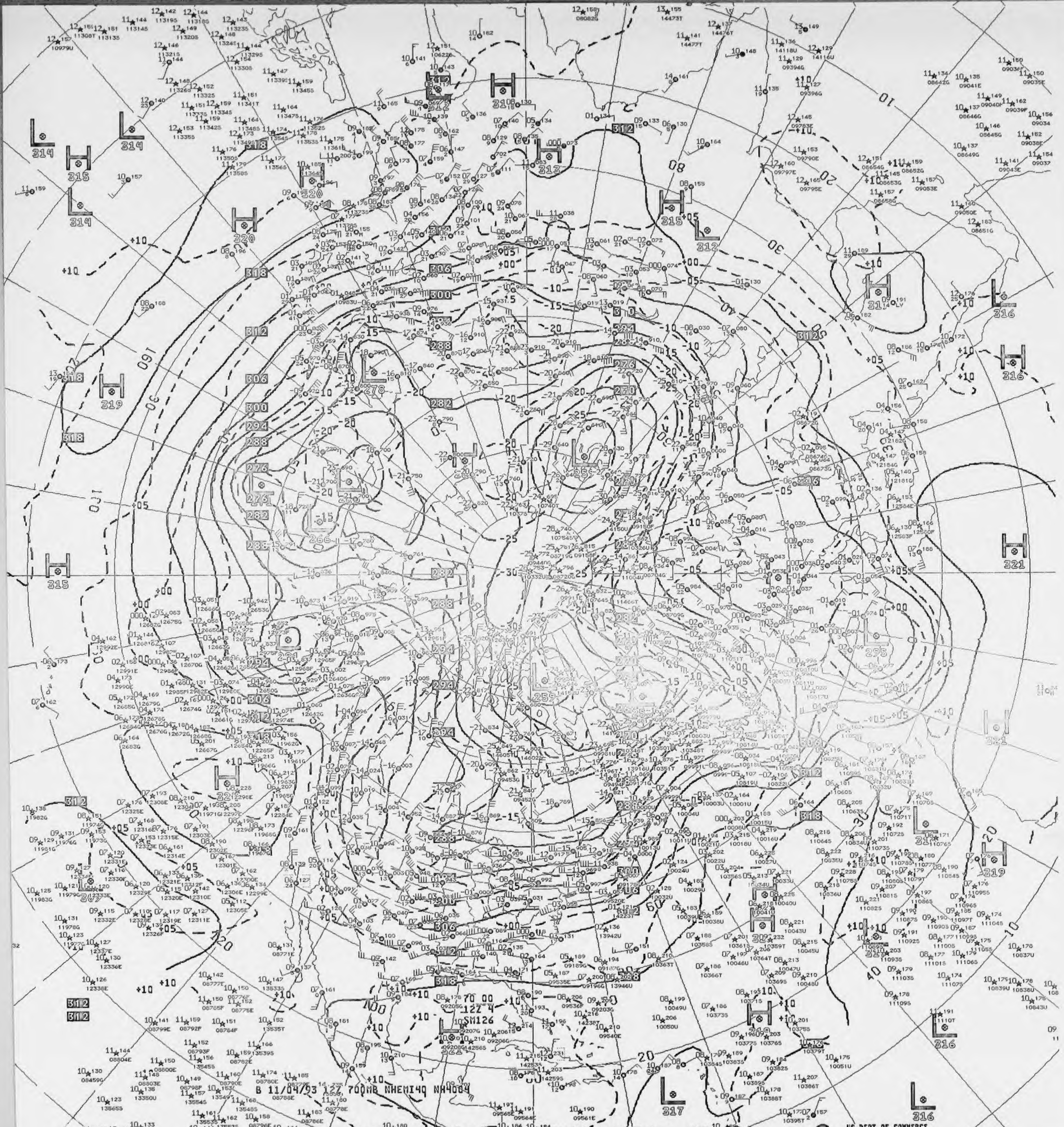
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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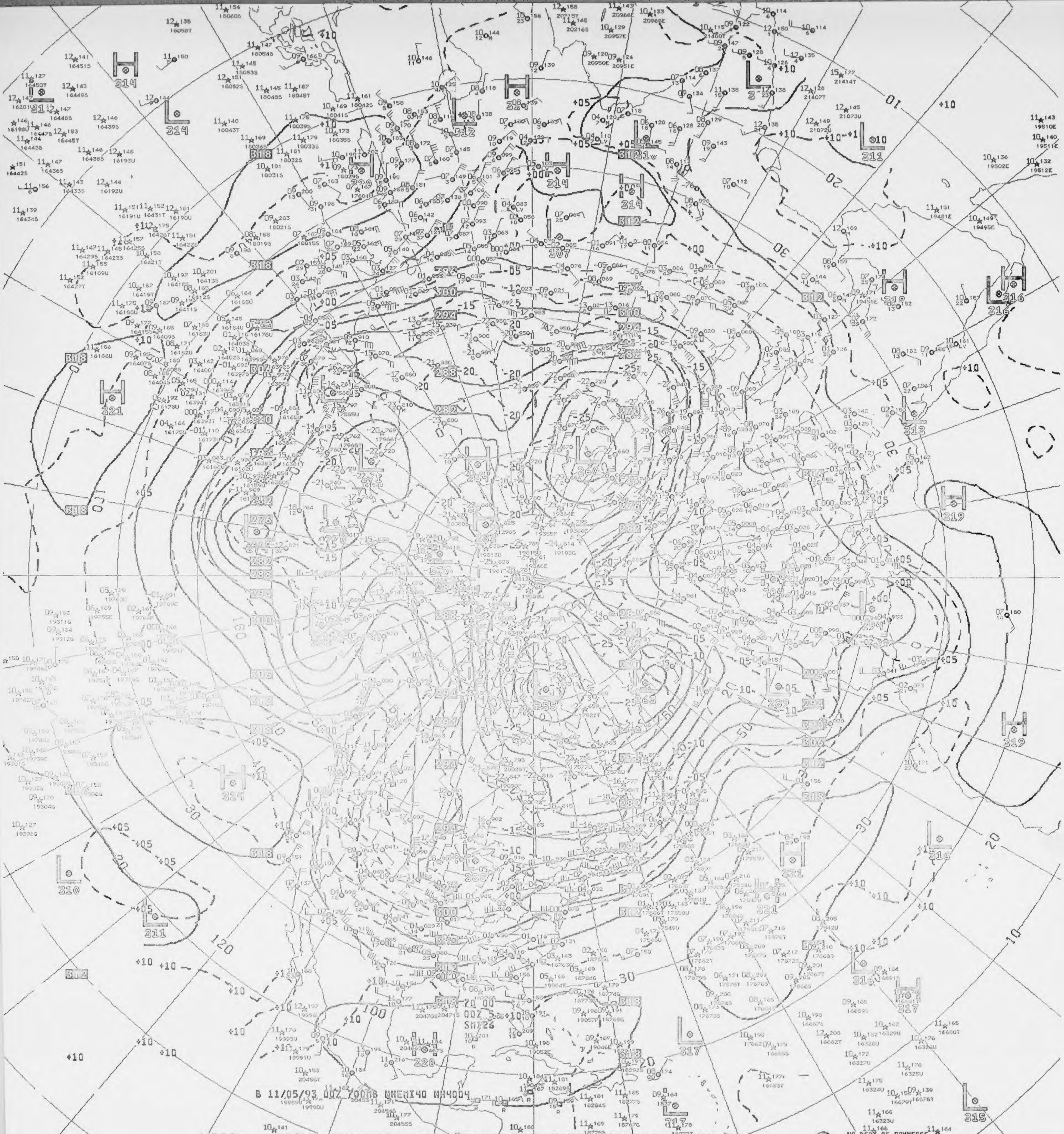
871 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 4 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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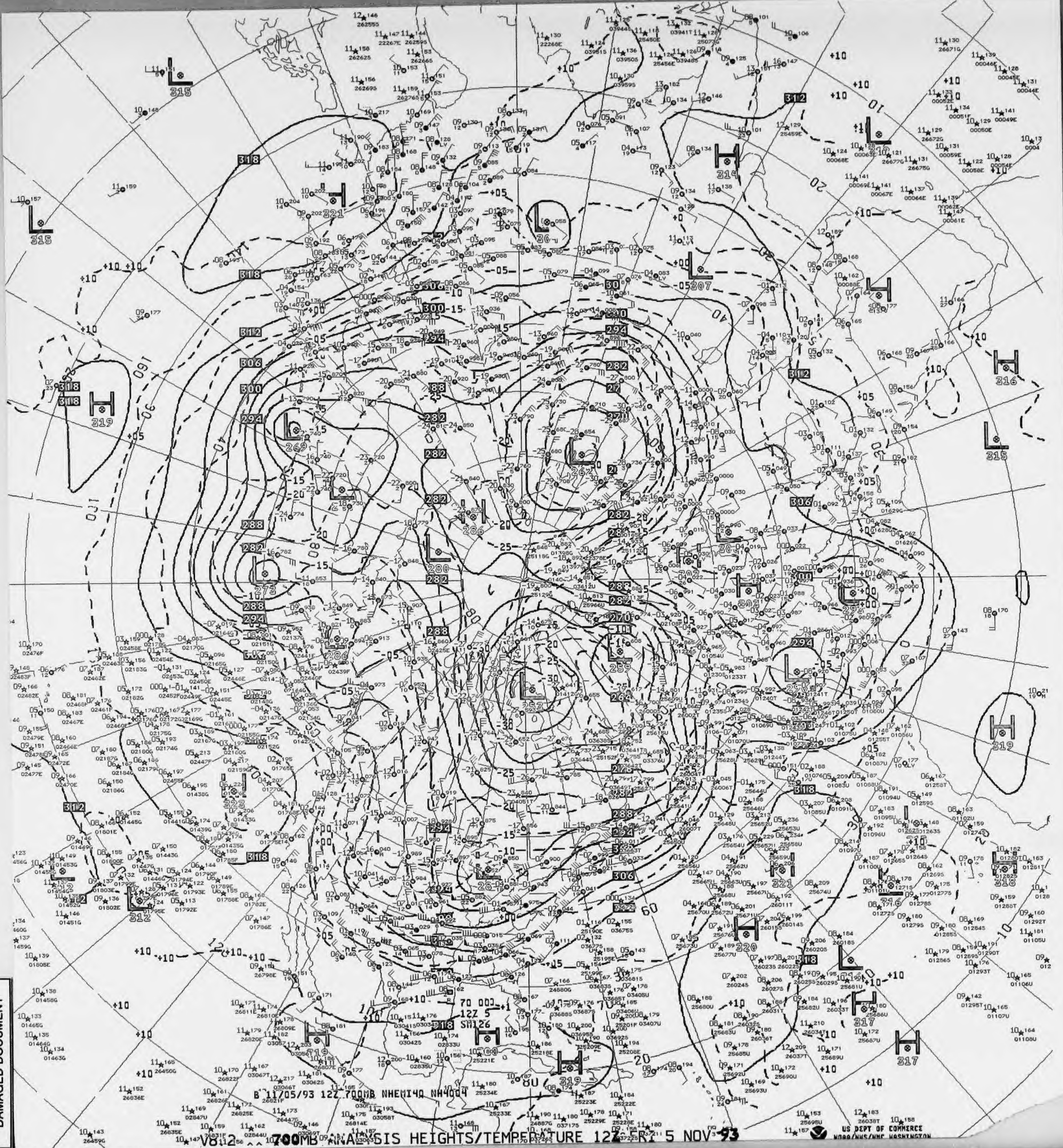
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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12Z 5
SM126

V8112 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 5 NOV 93

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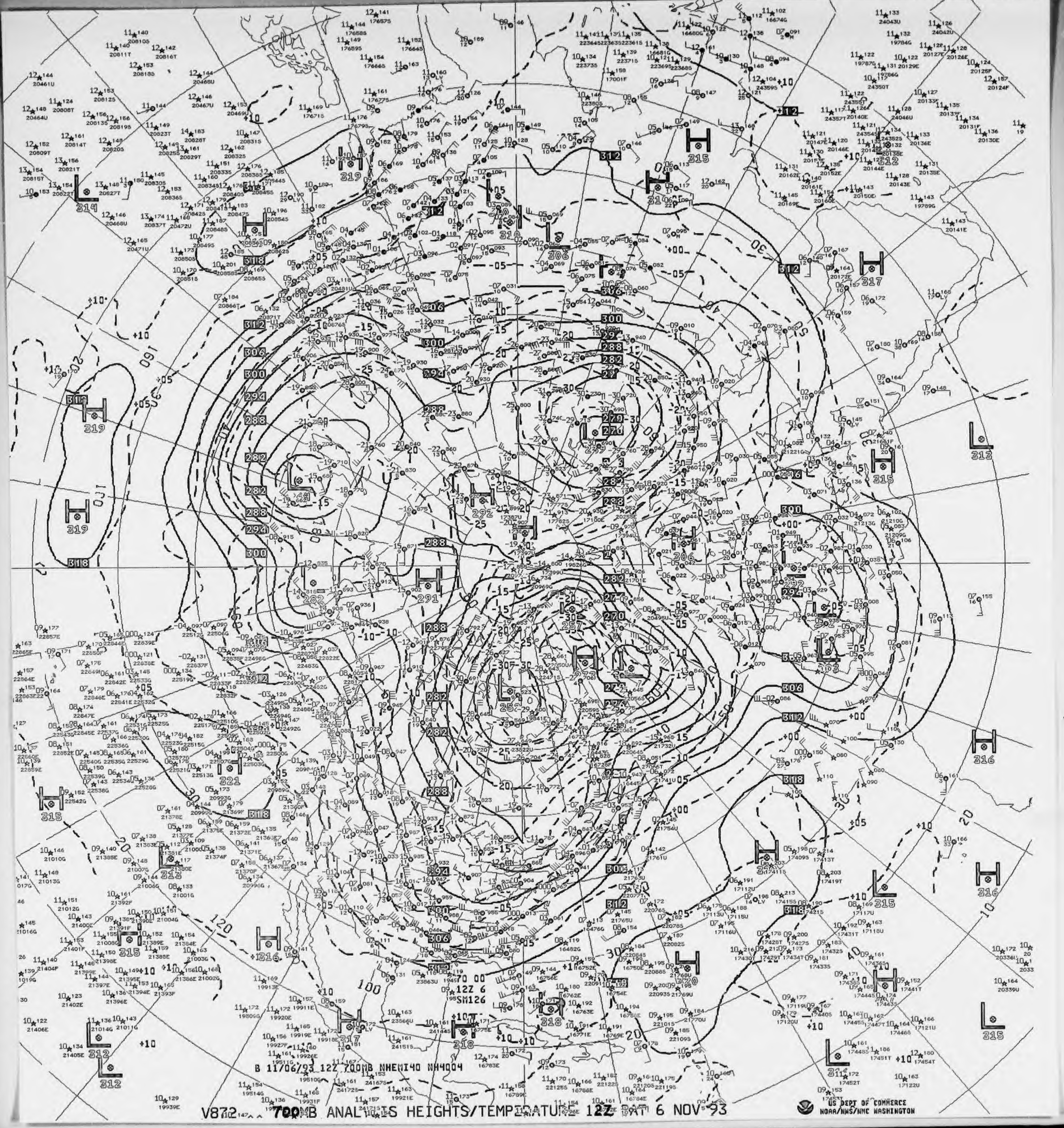
BEST AVAILABLE RECORD
DAMAGED DOCUMENT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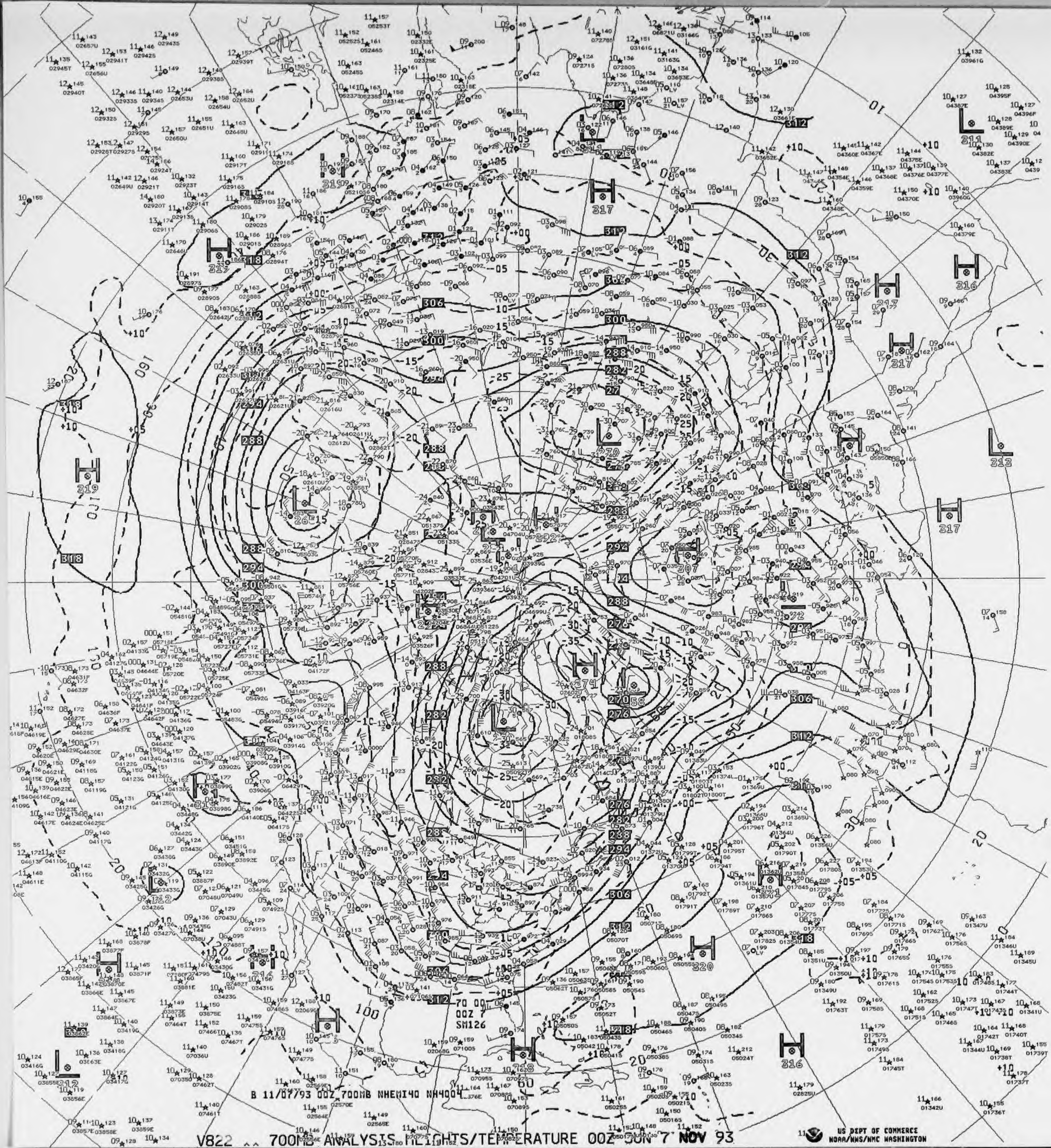
V872 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 6 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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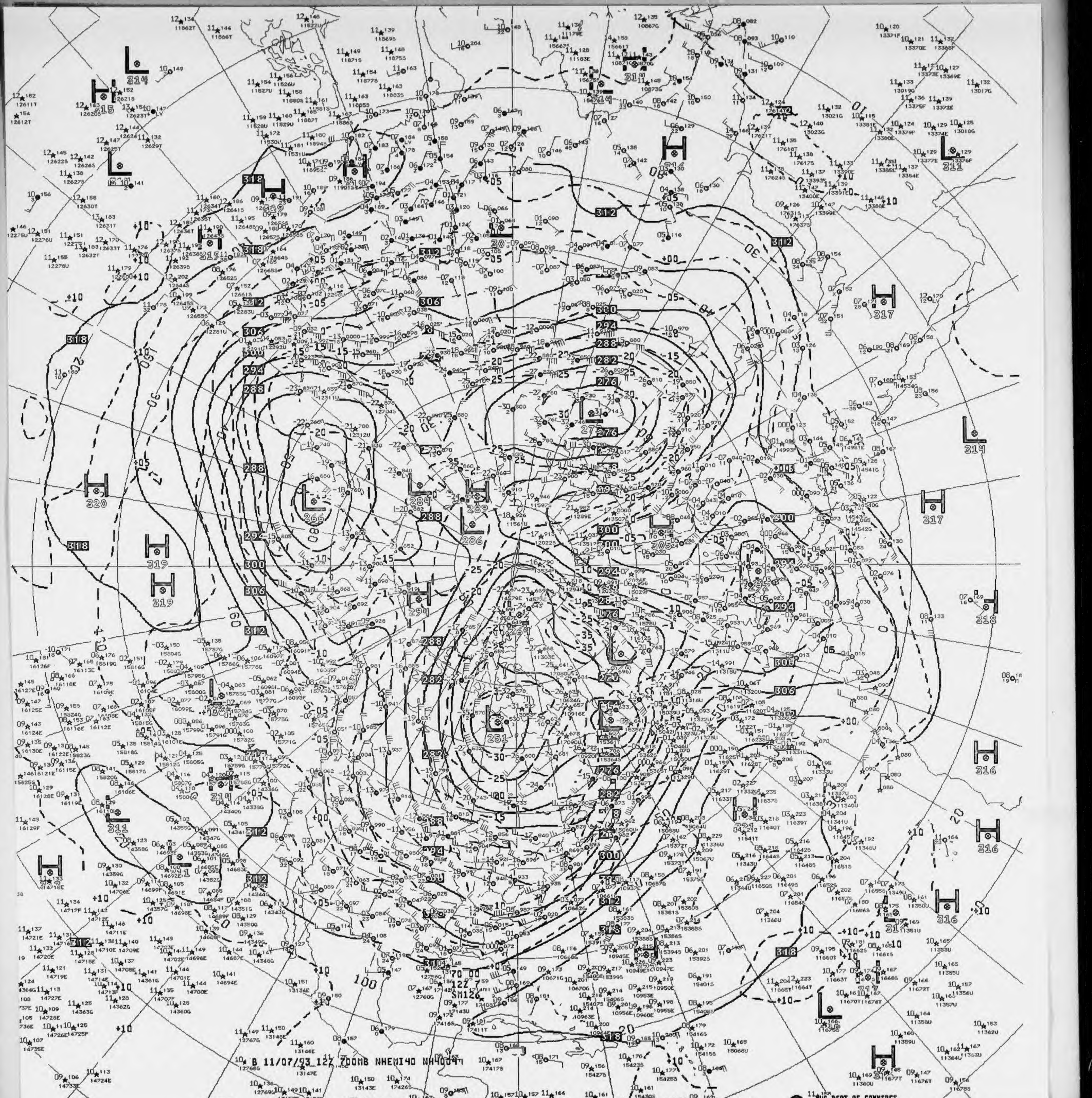
V822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 7 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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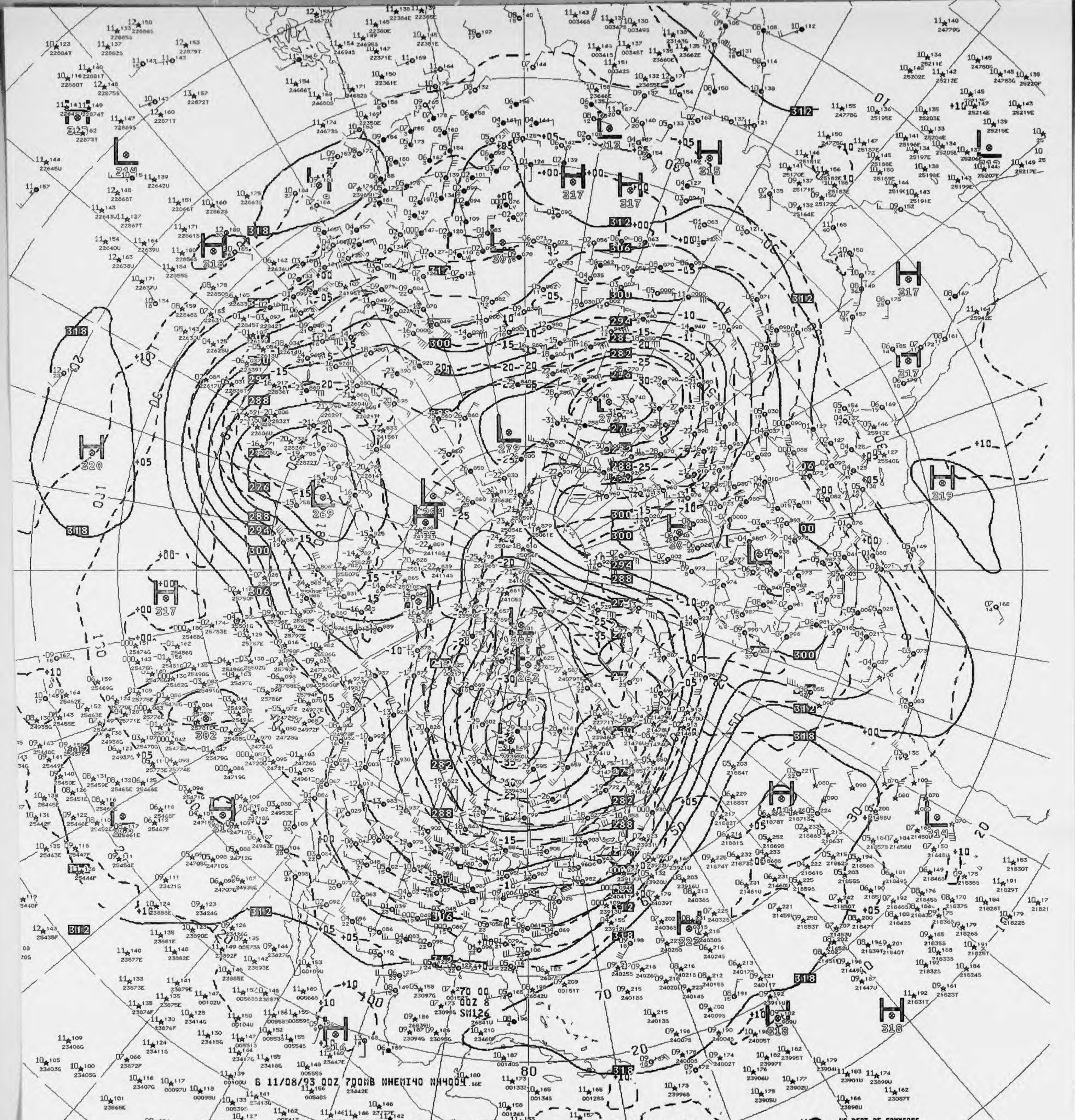
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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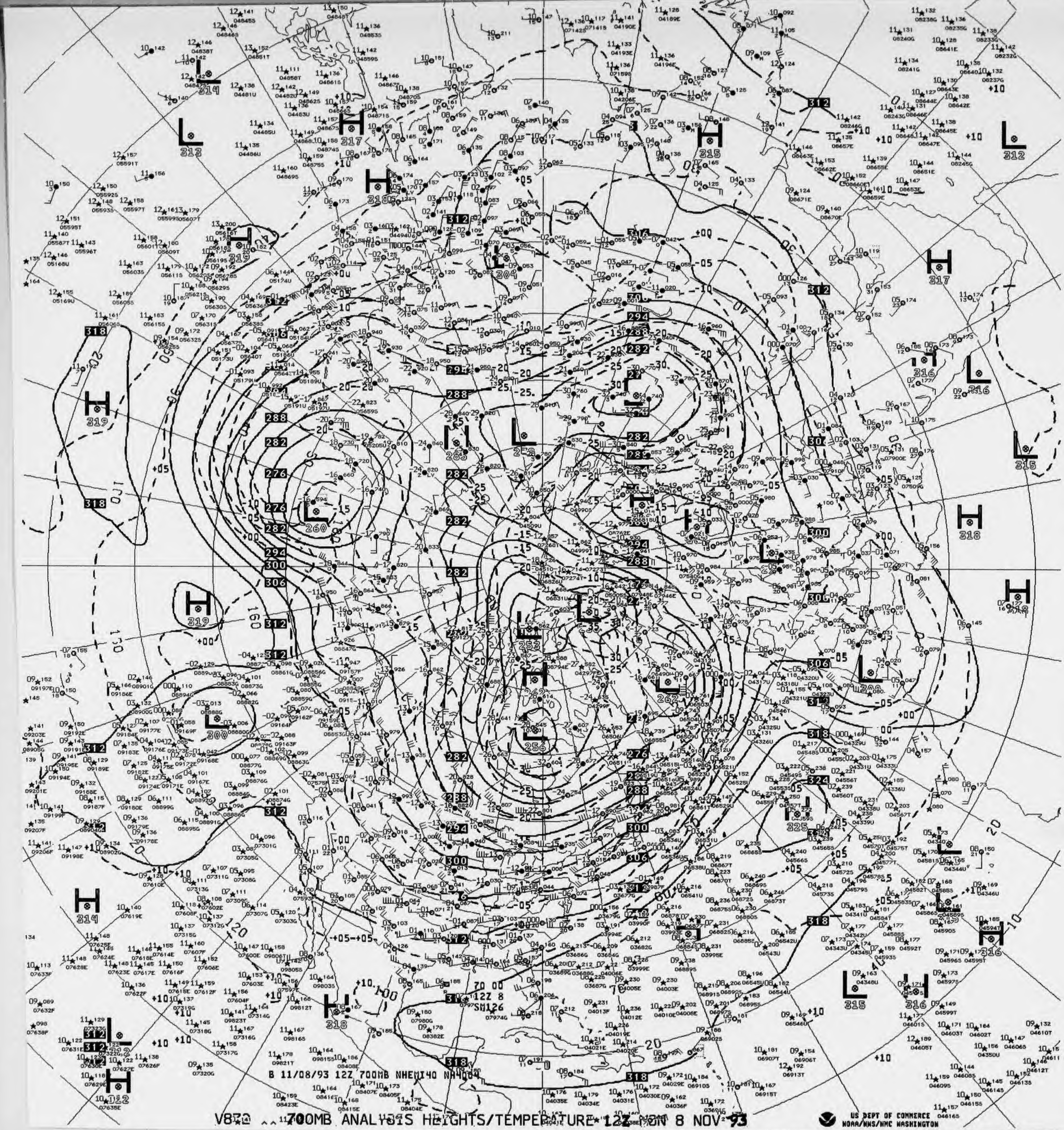
V822 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 8 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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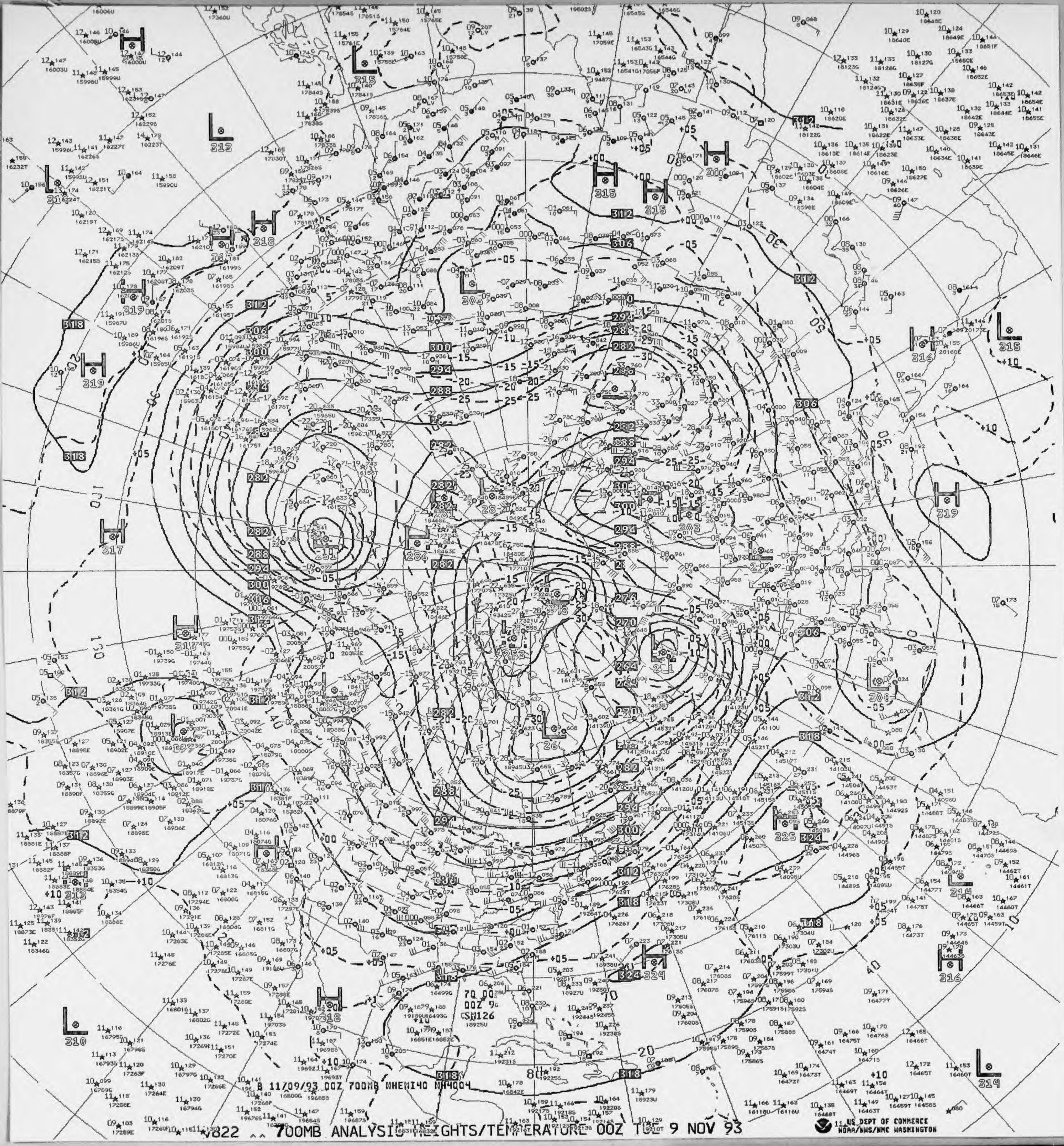
V870 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 8 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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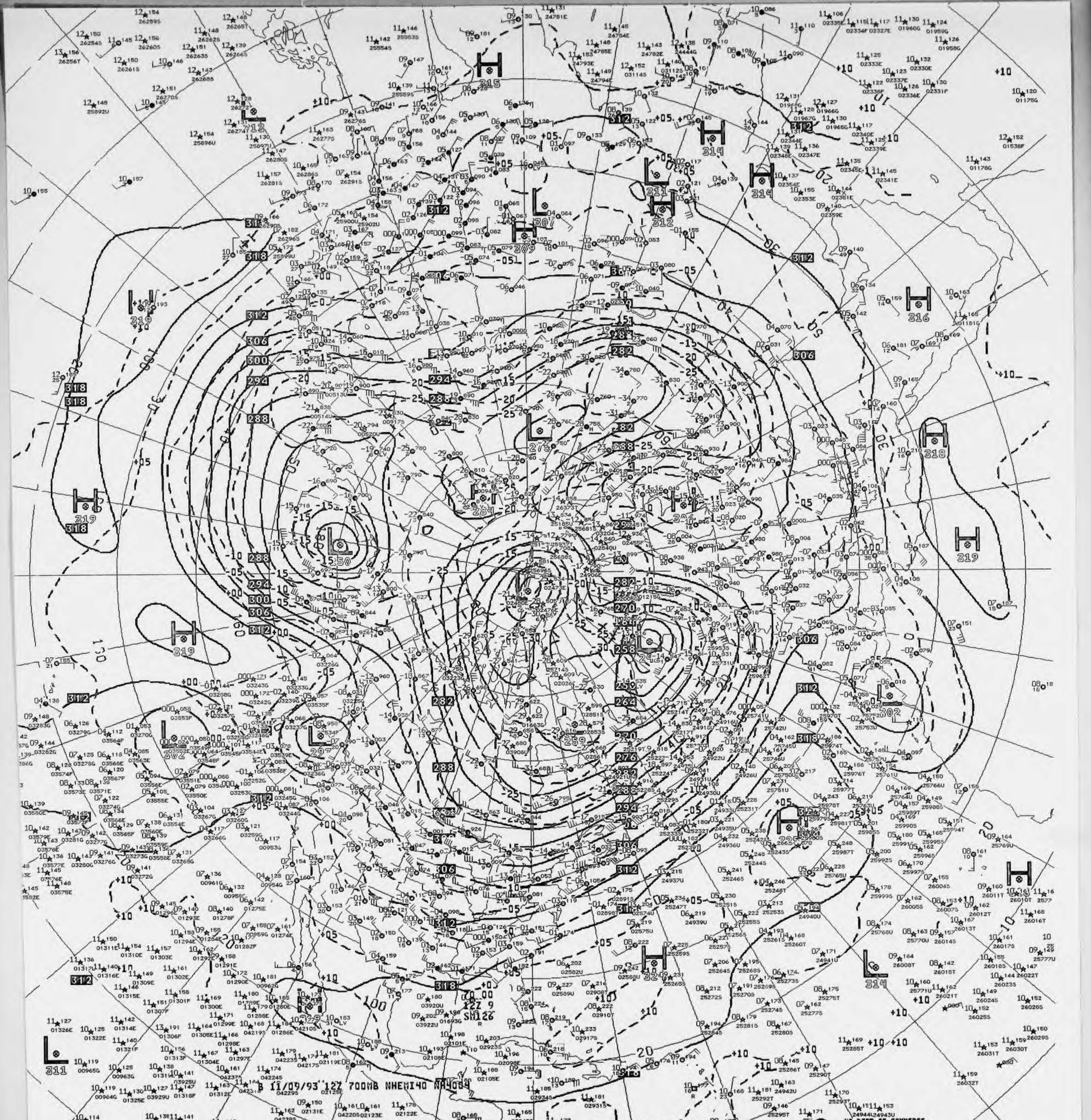
822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 9 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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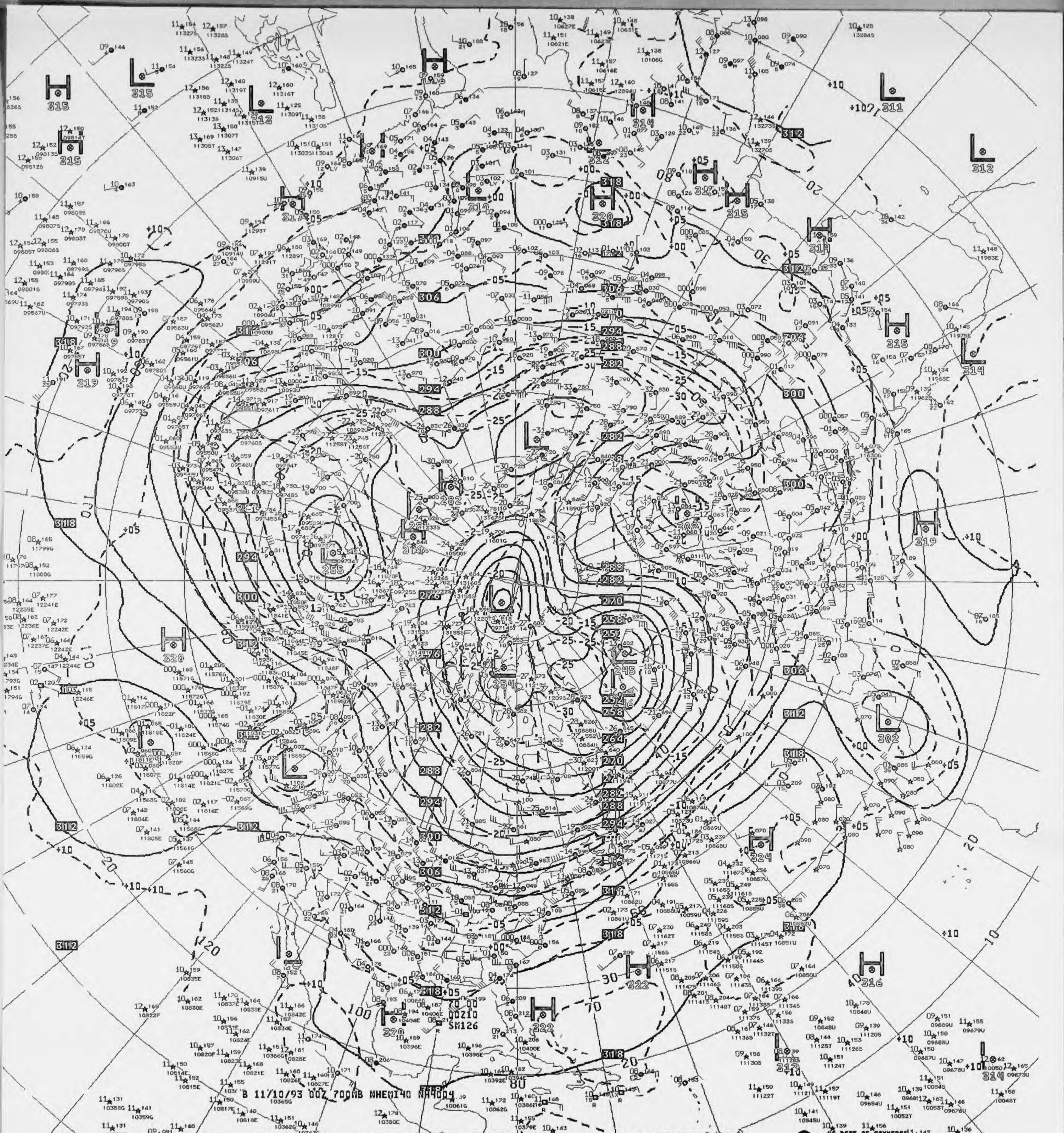
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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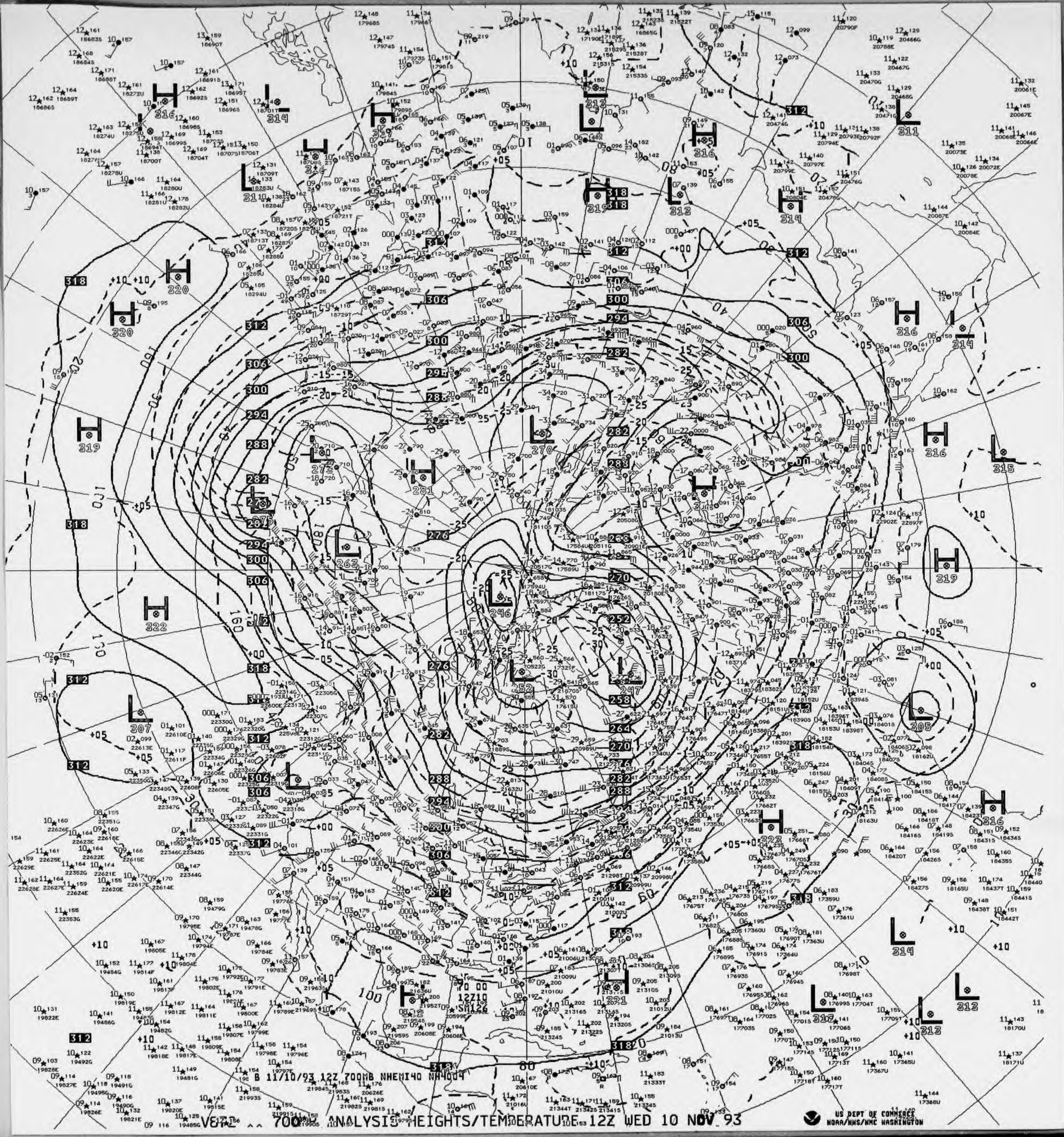
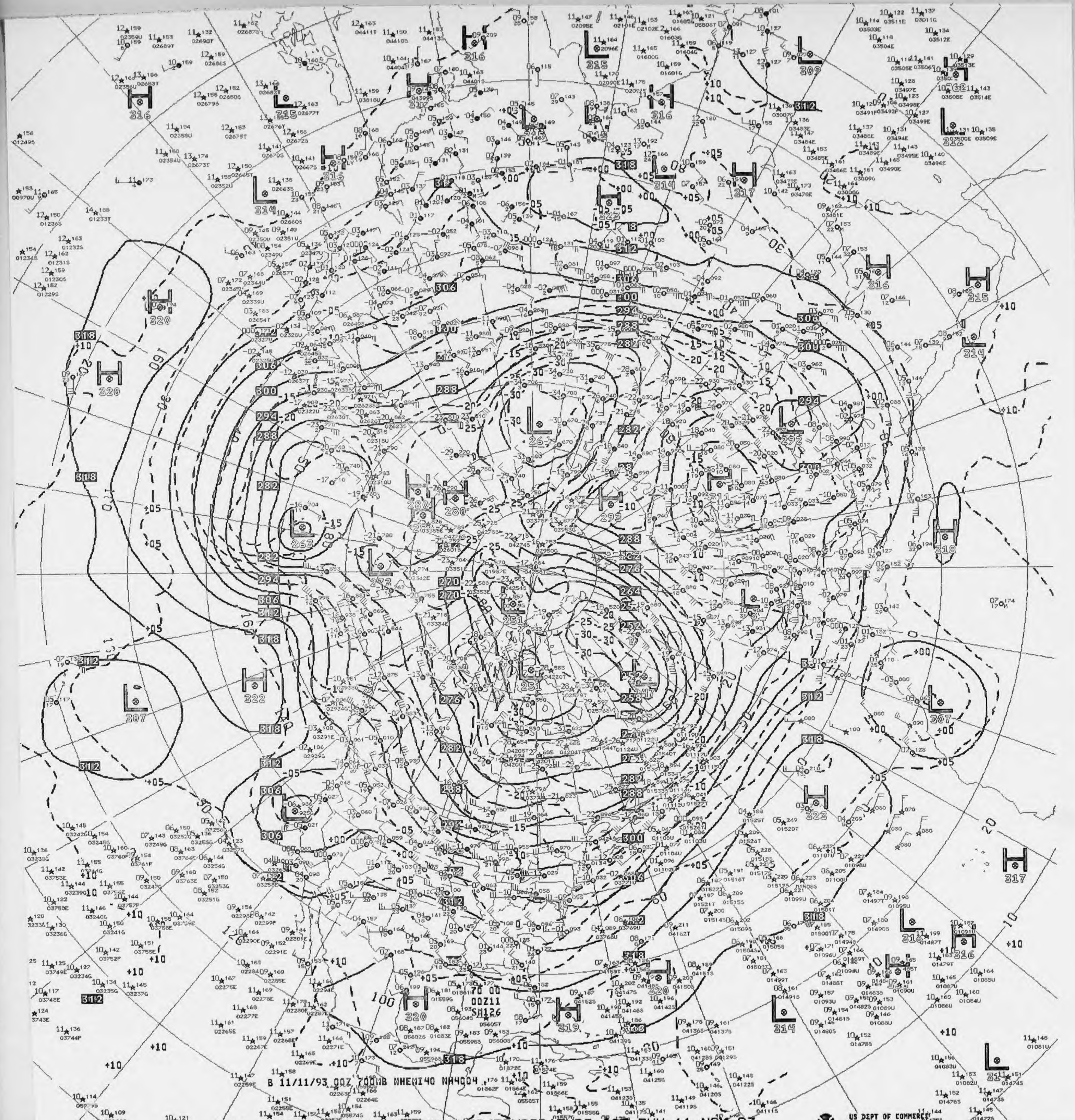
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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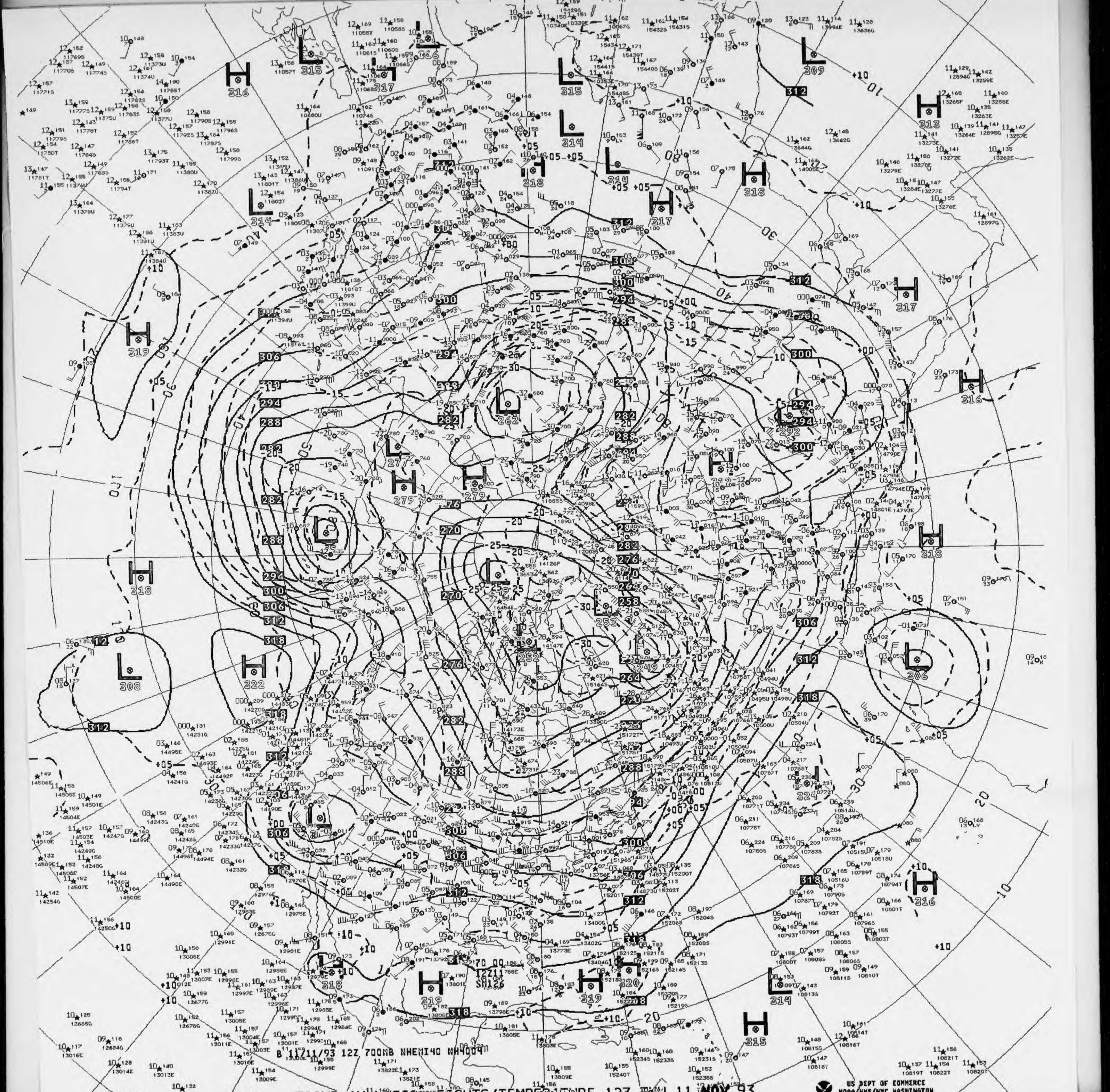
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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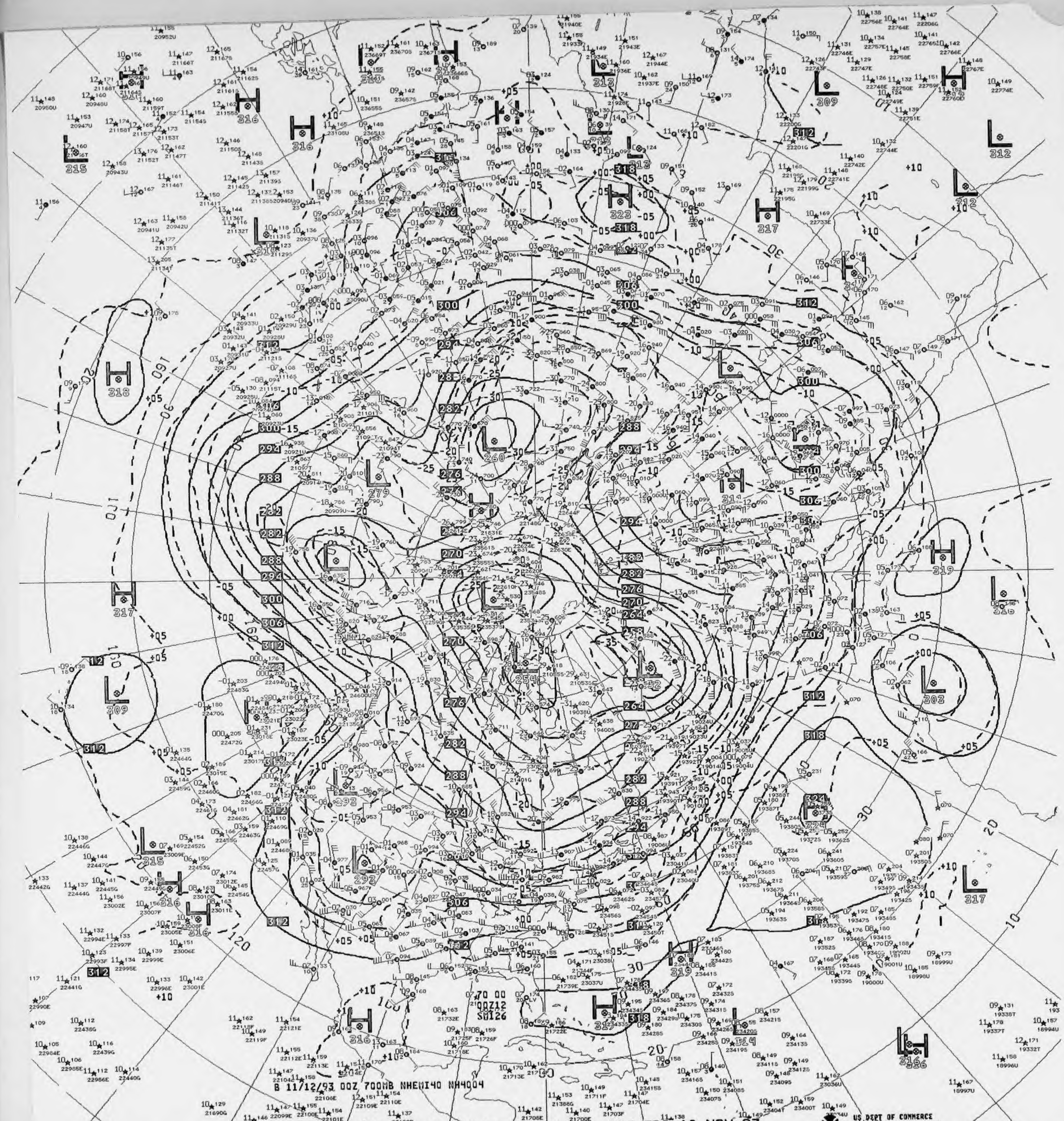
V872 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 11 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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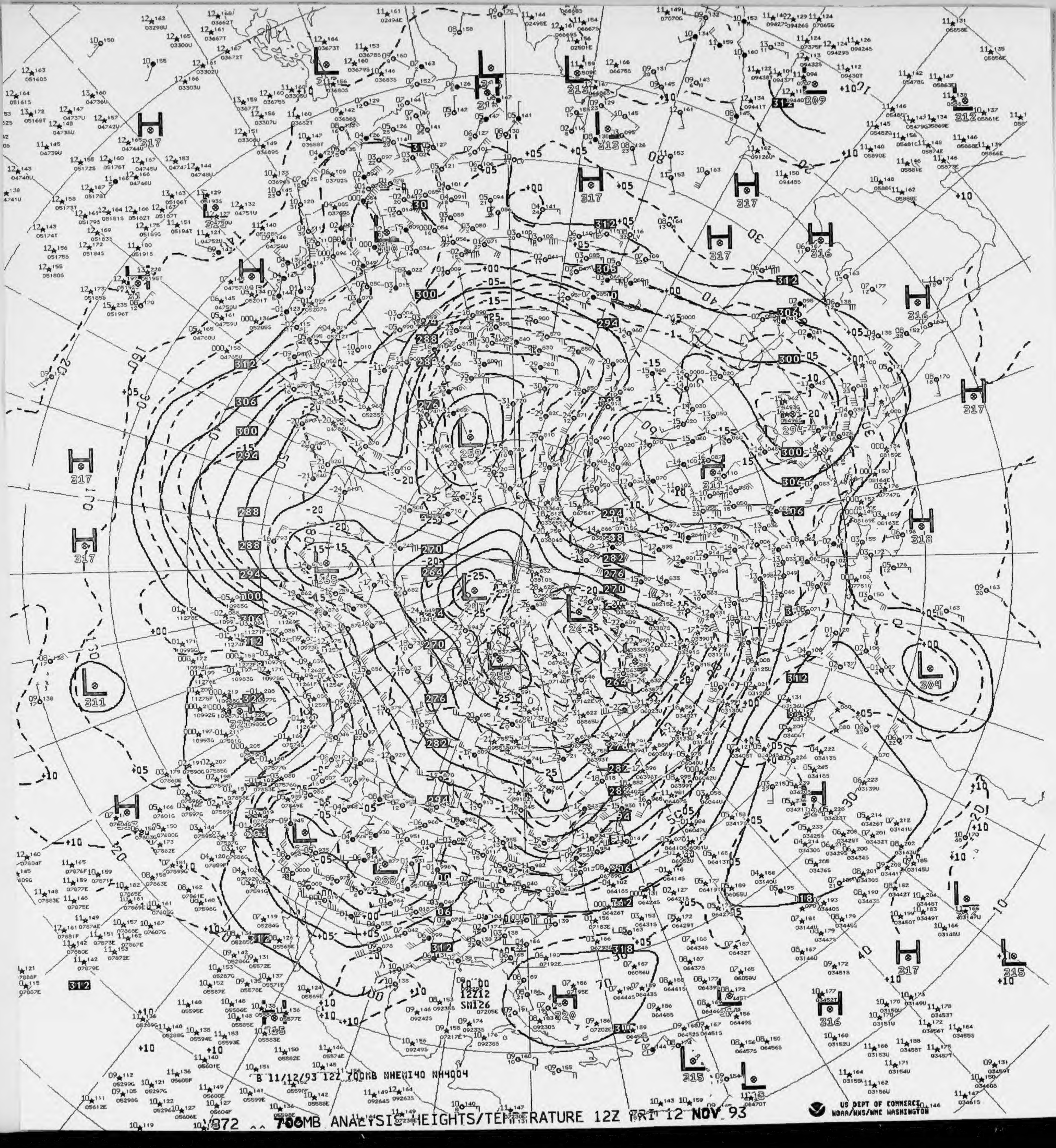
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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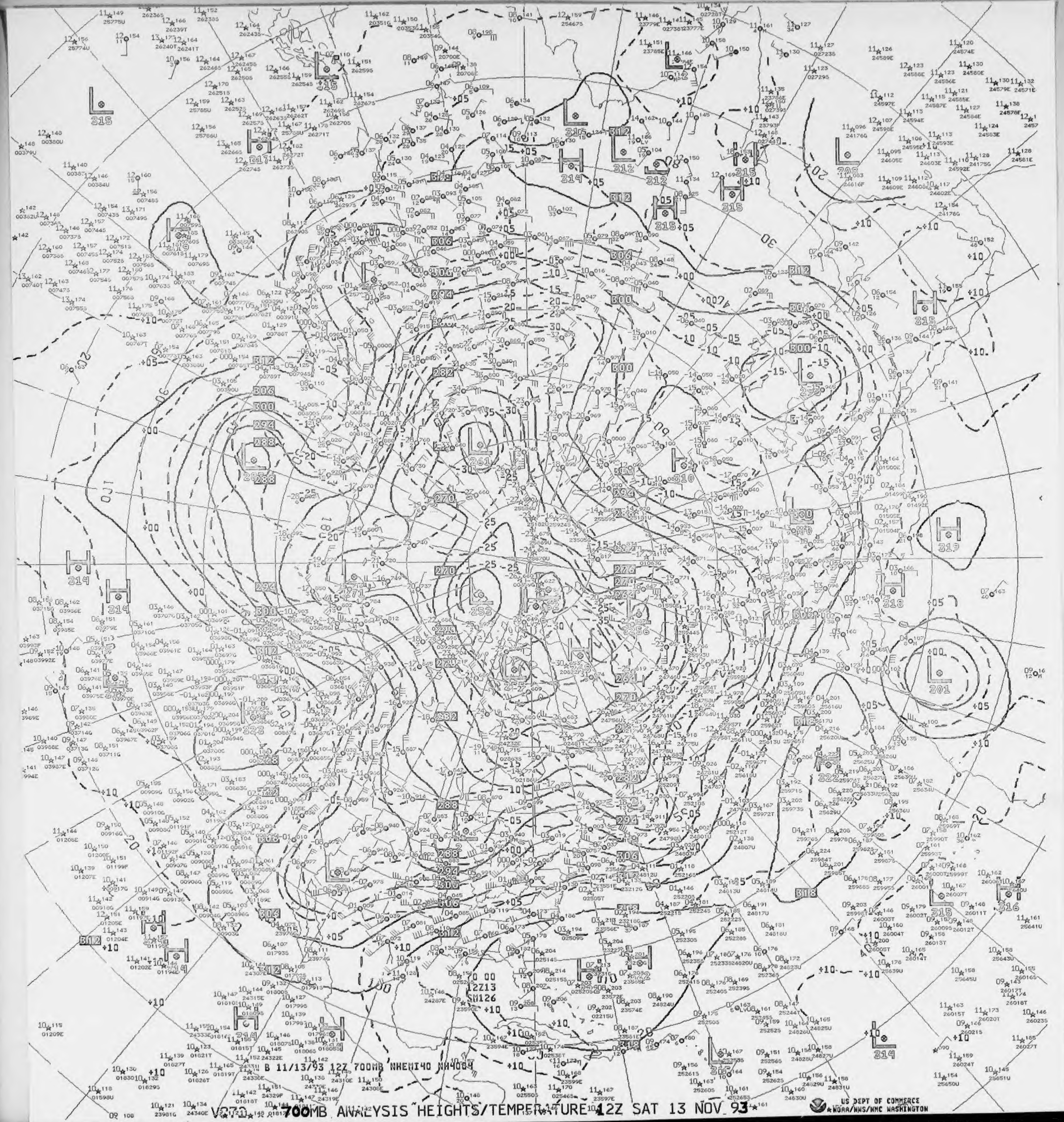
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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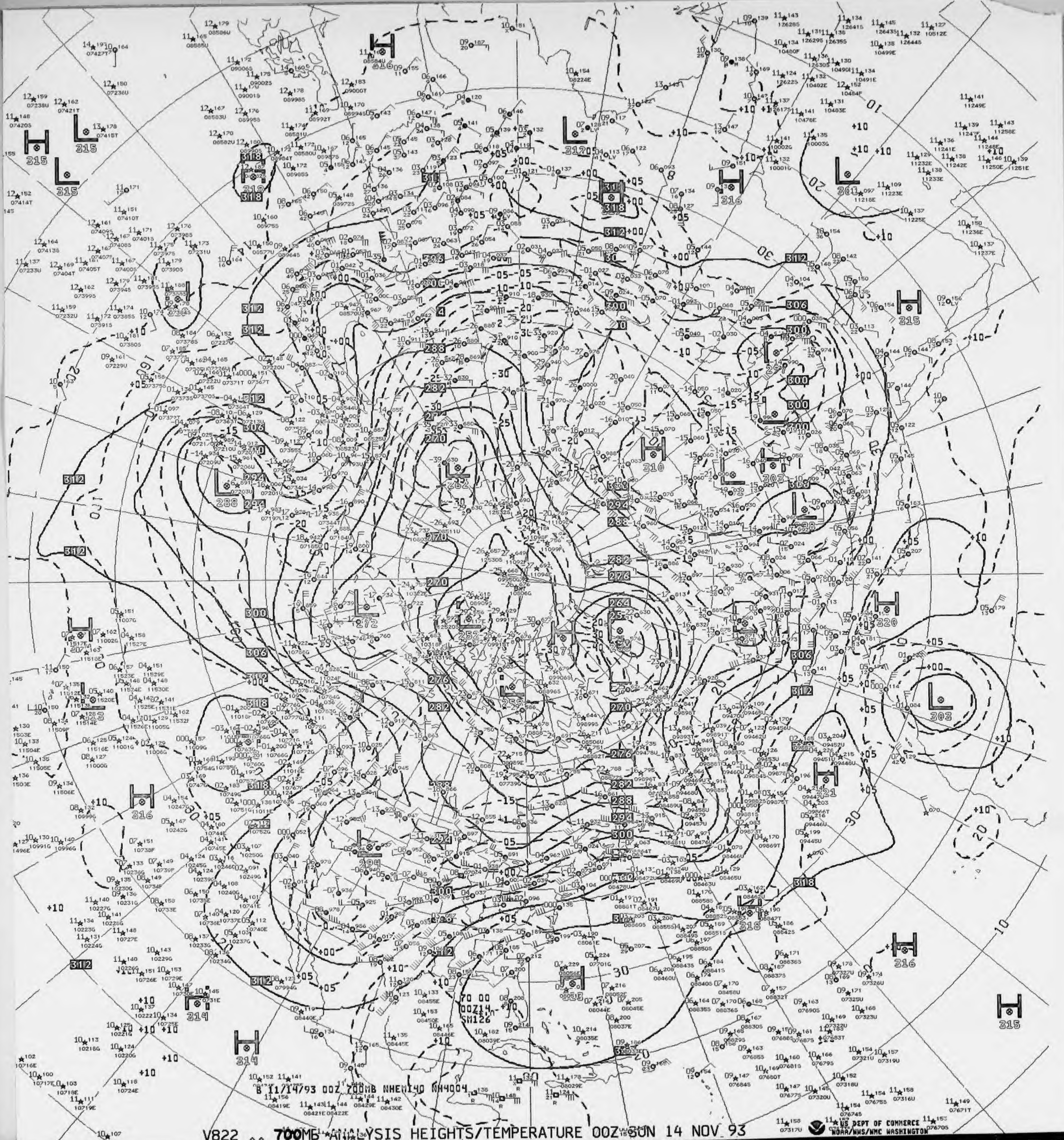
V??? 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 13 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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00Z14
SM126
H
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315
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312
306
300
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270
264
252
316
320
303
314
+10
+05
+00
-05
-10
-15
-20
-25
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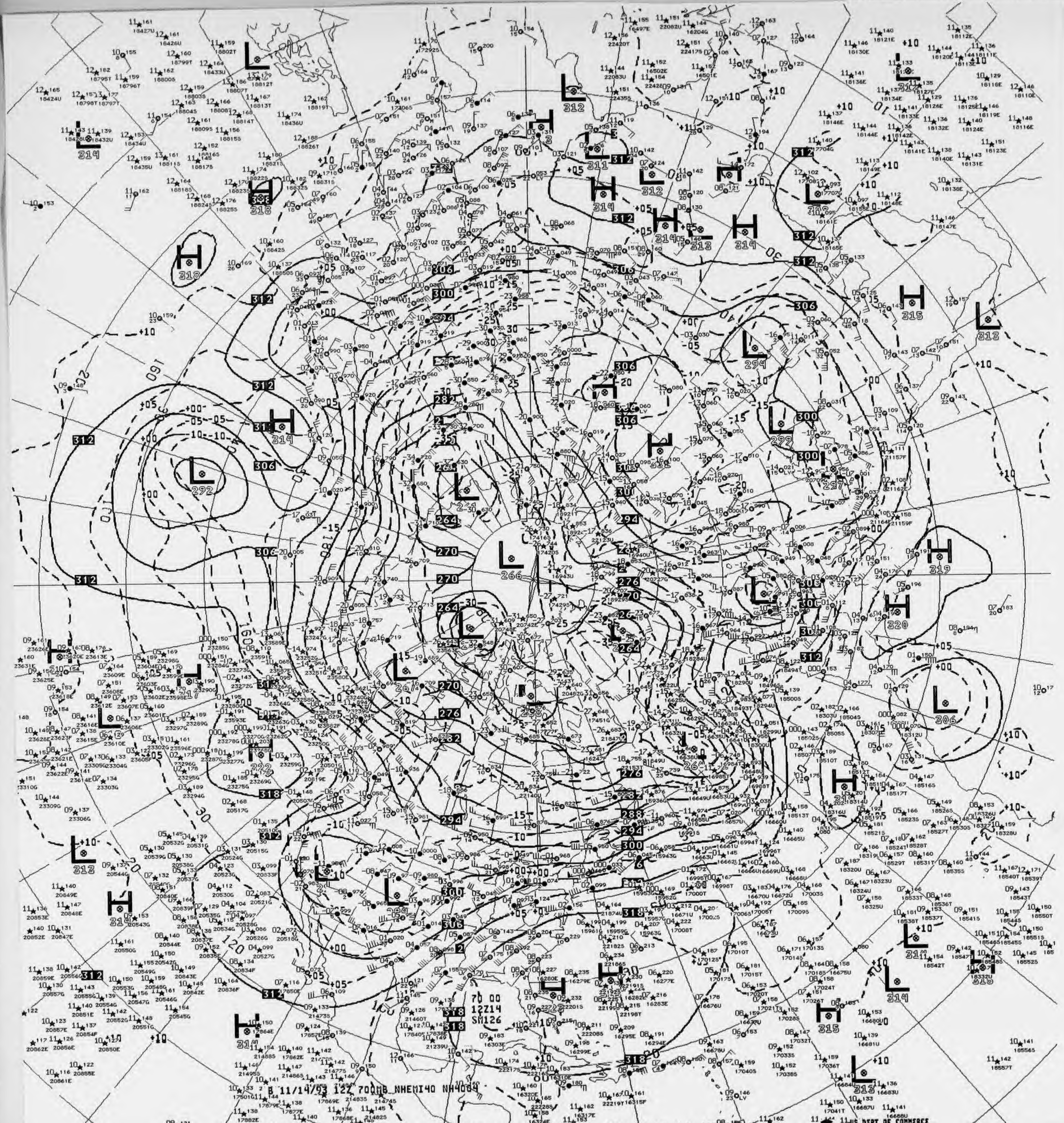
V822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 14 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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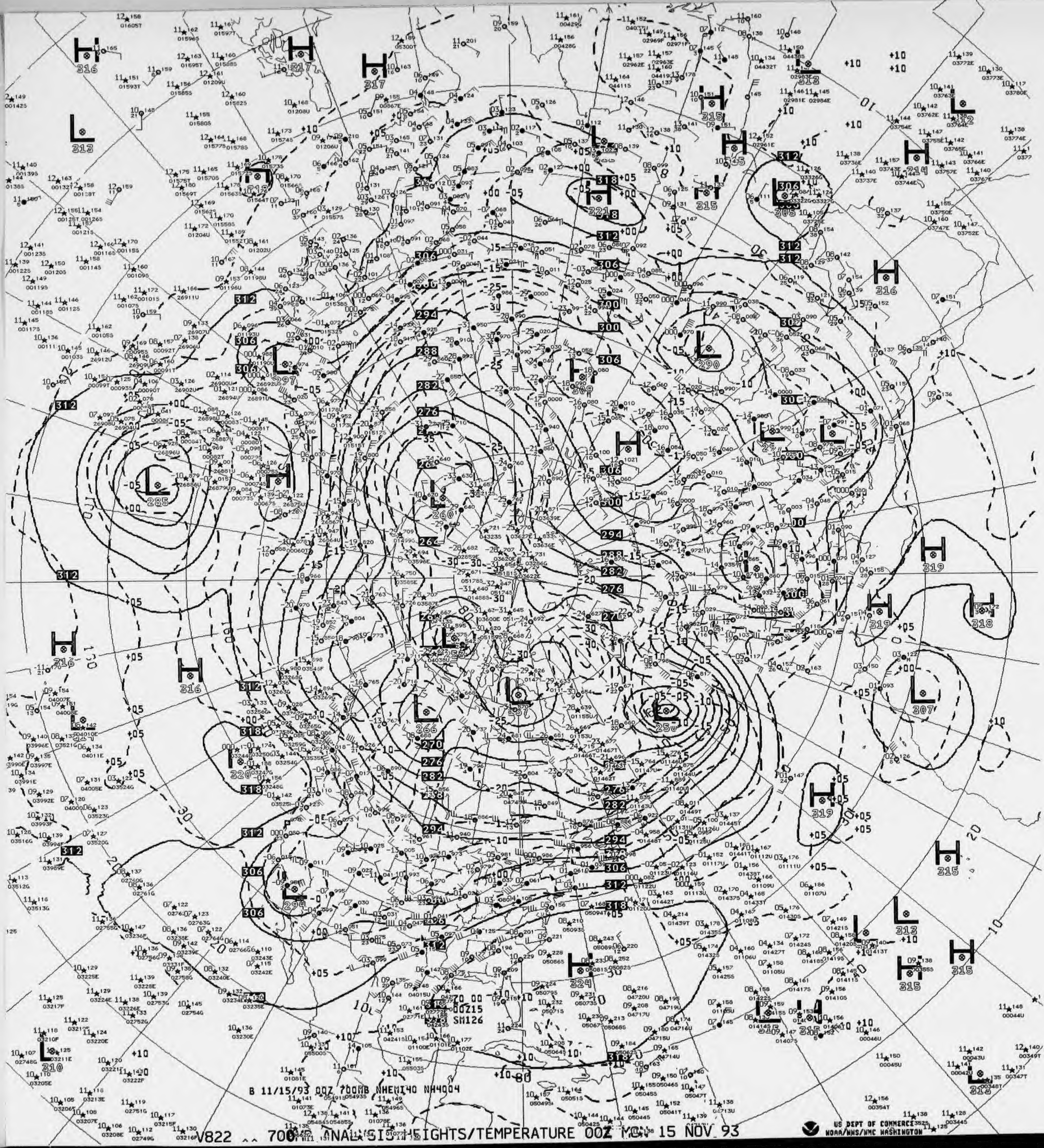
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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L 290
L 260
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L 294
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H 318
L 307
H 324
H 315
L 313
L 310
L 312
+10
+05
+00
-05
-10
-15
-20
-25
-30
-35
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306
300
294
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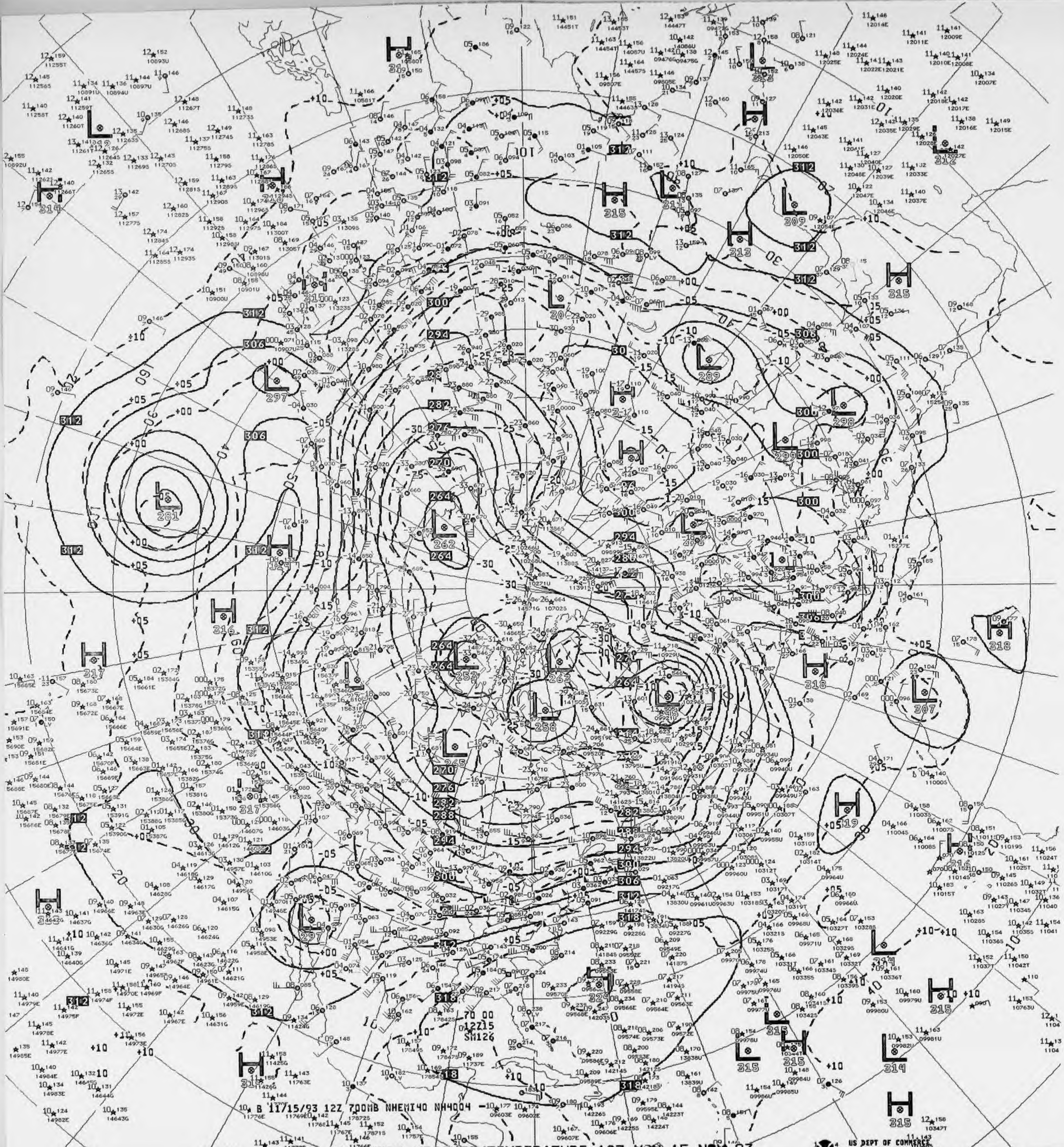
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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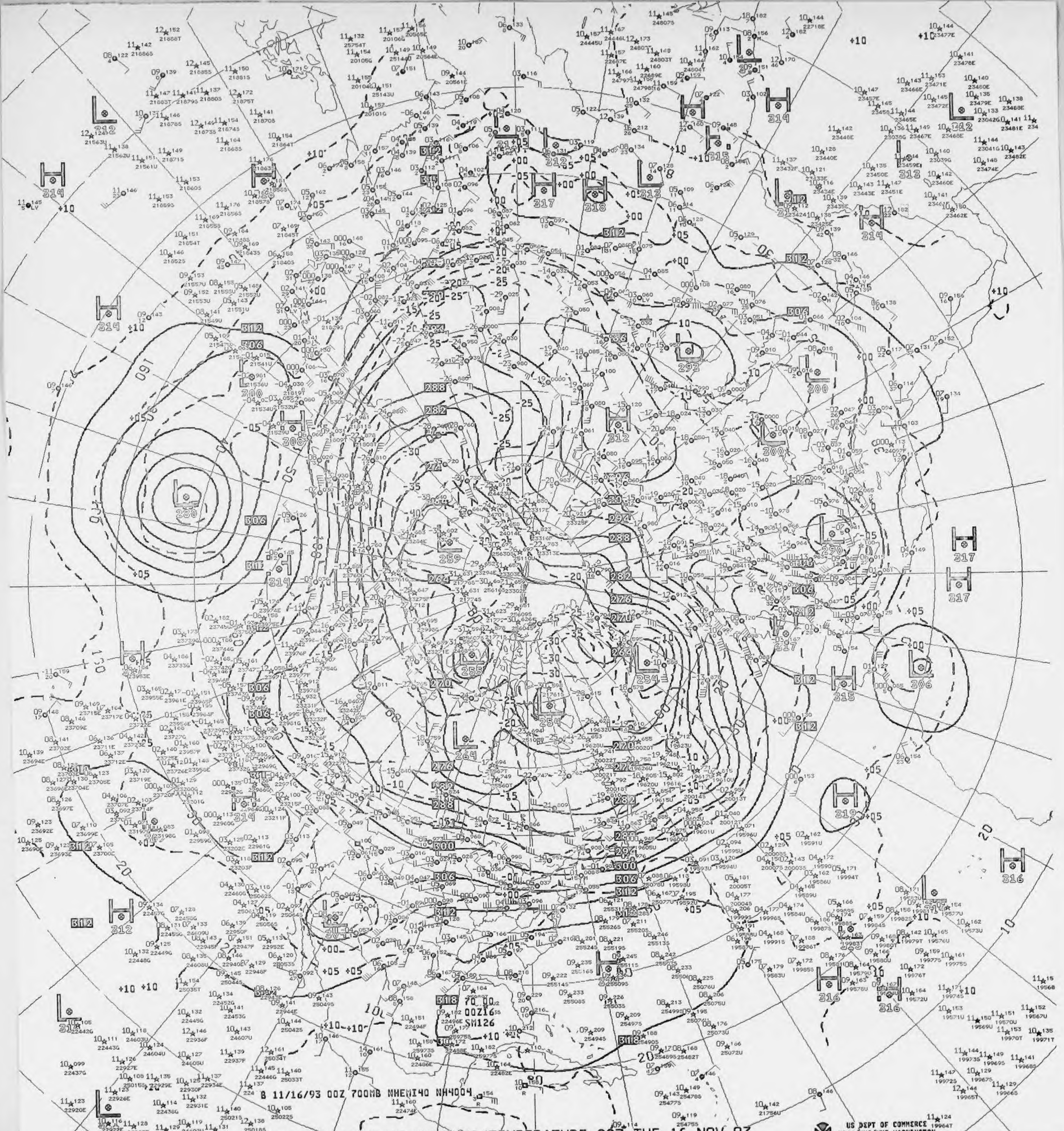
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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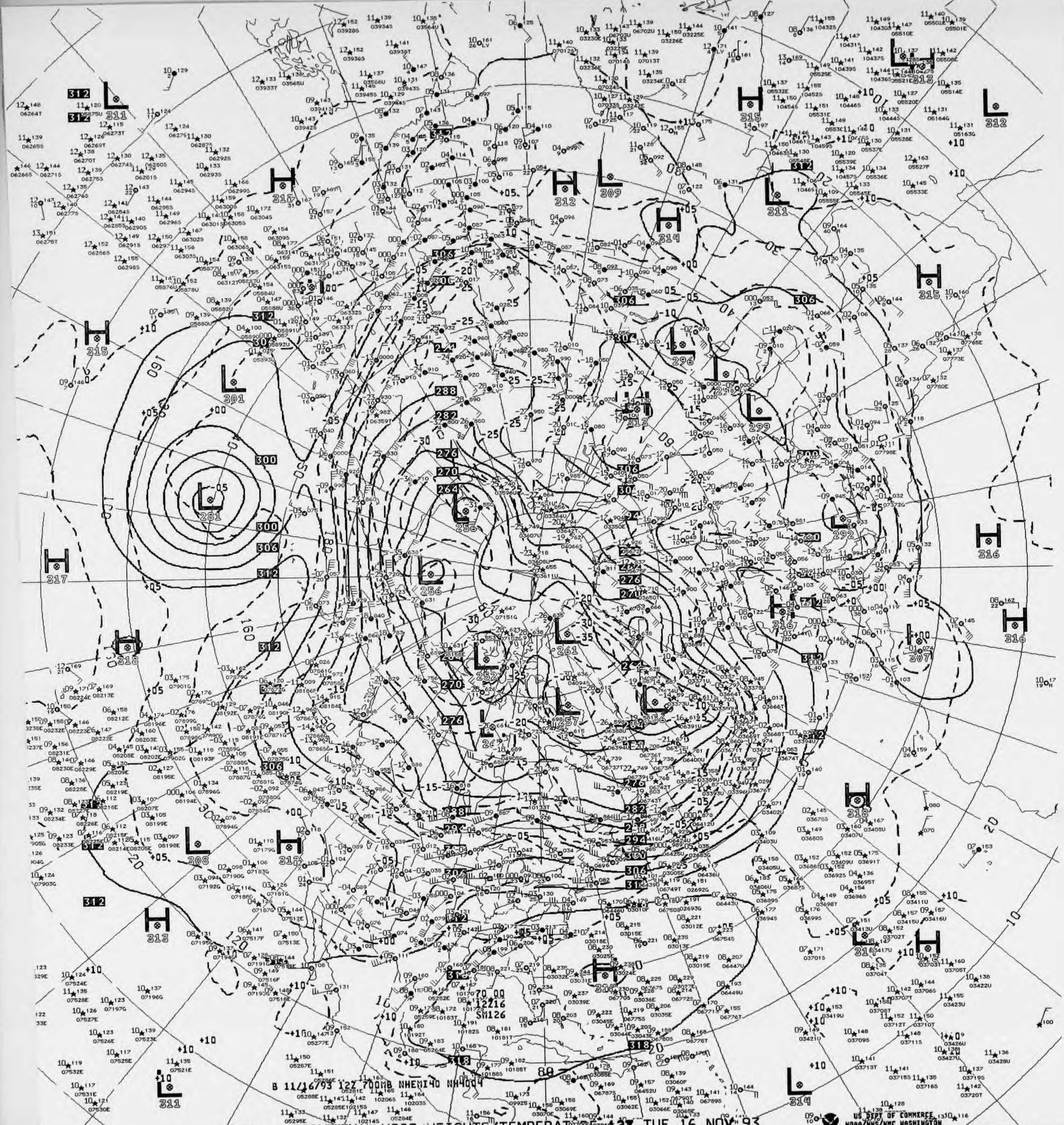
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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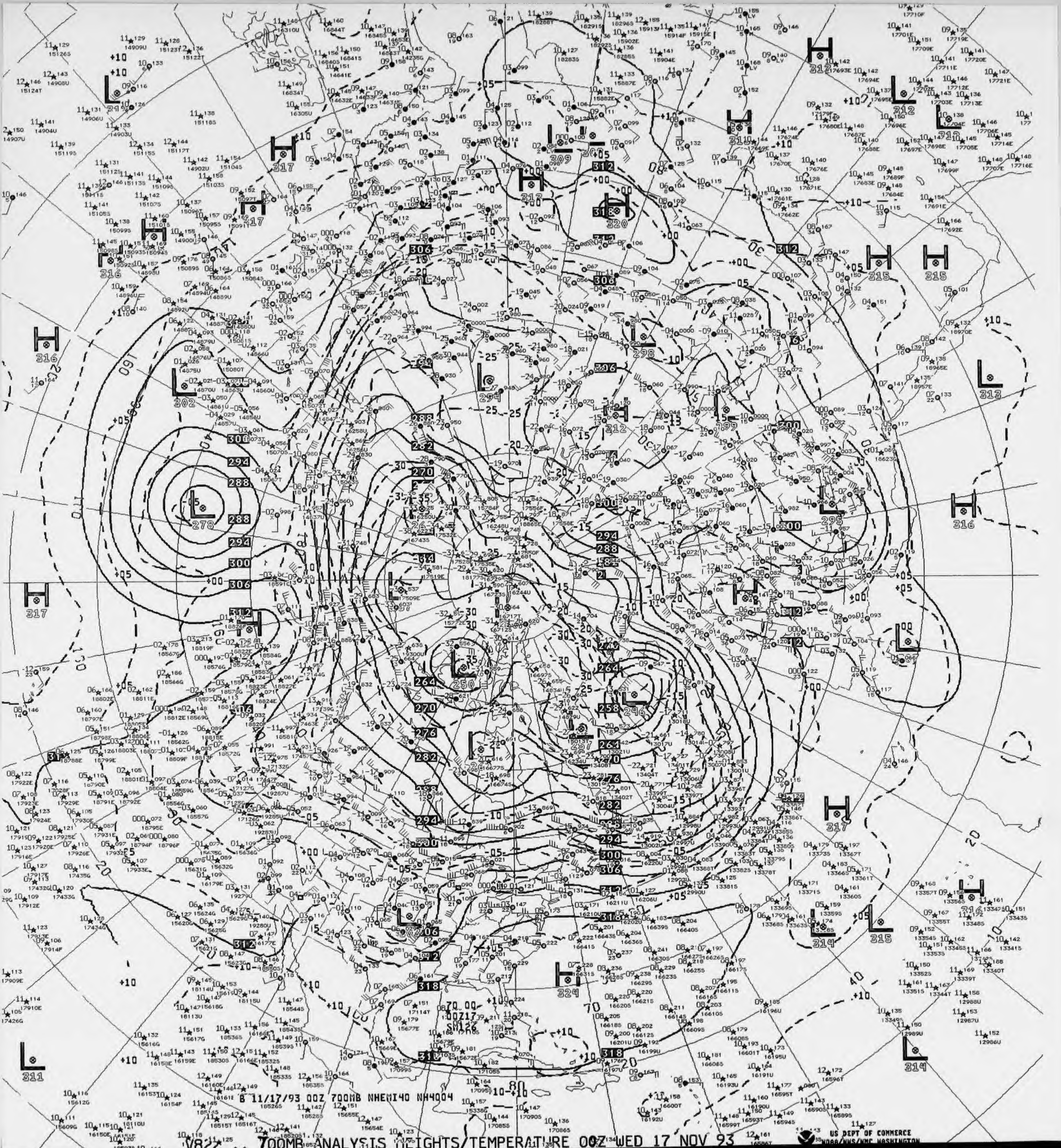
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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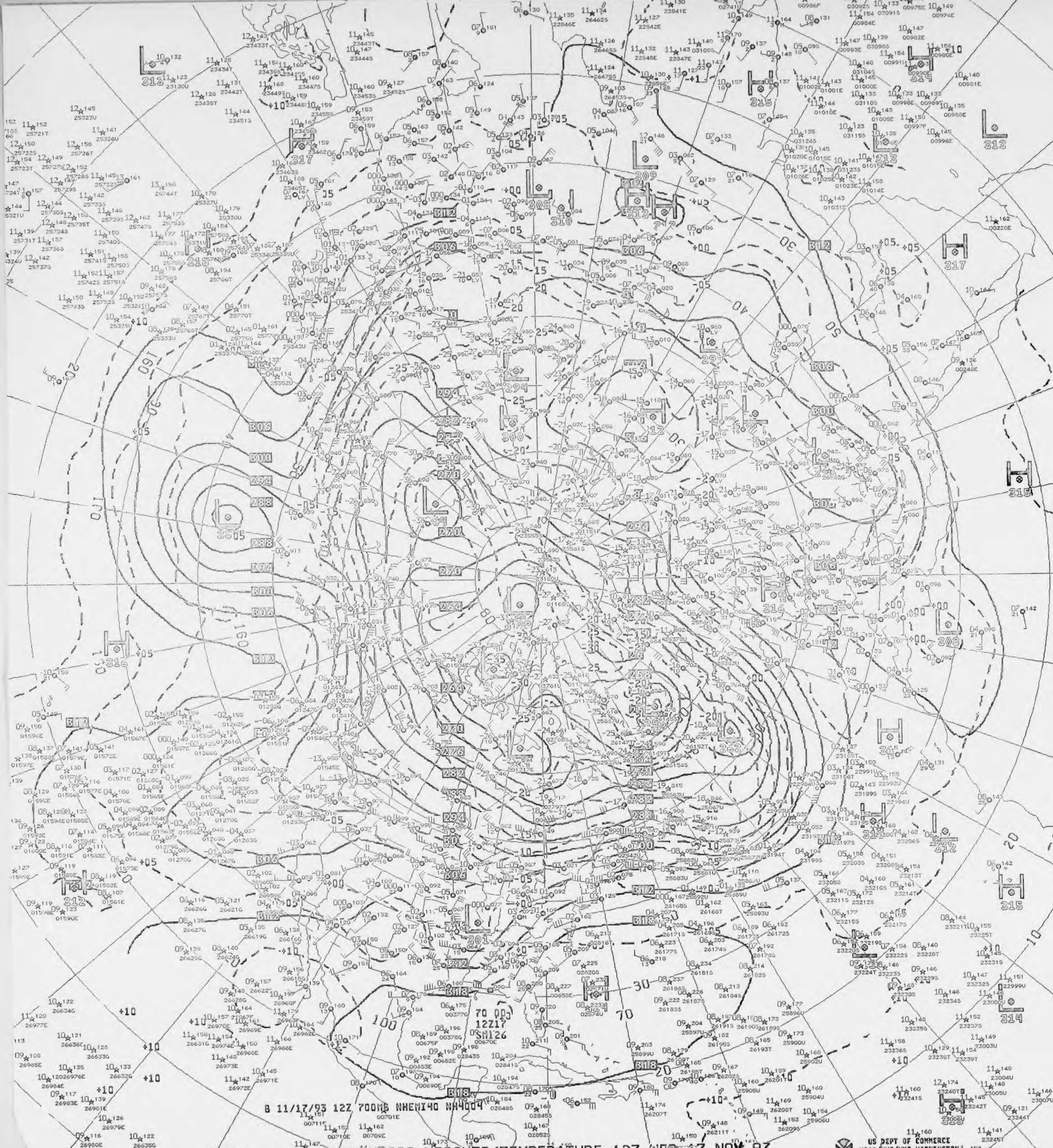
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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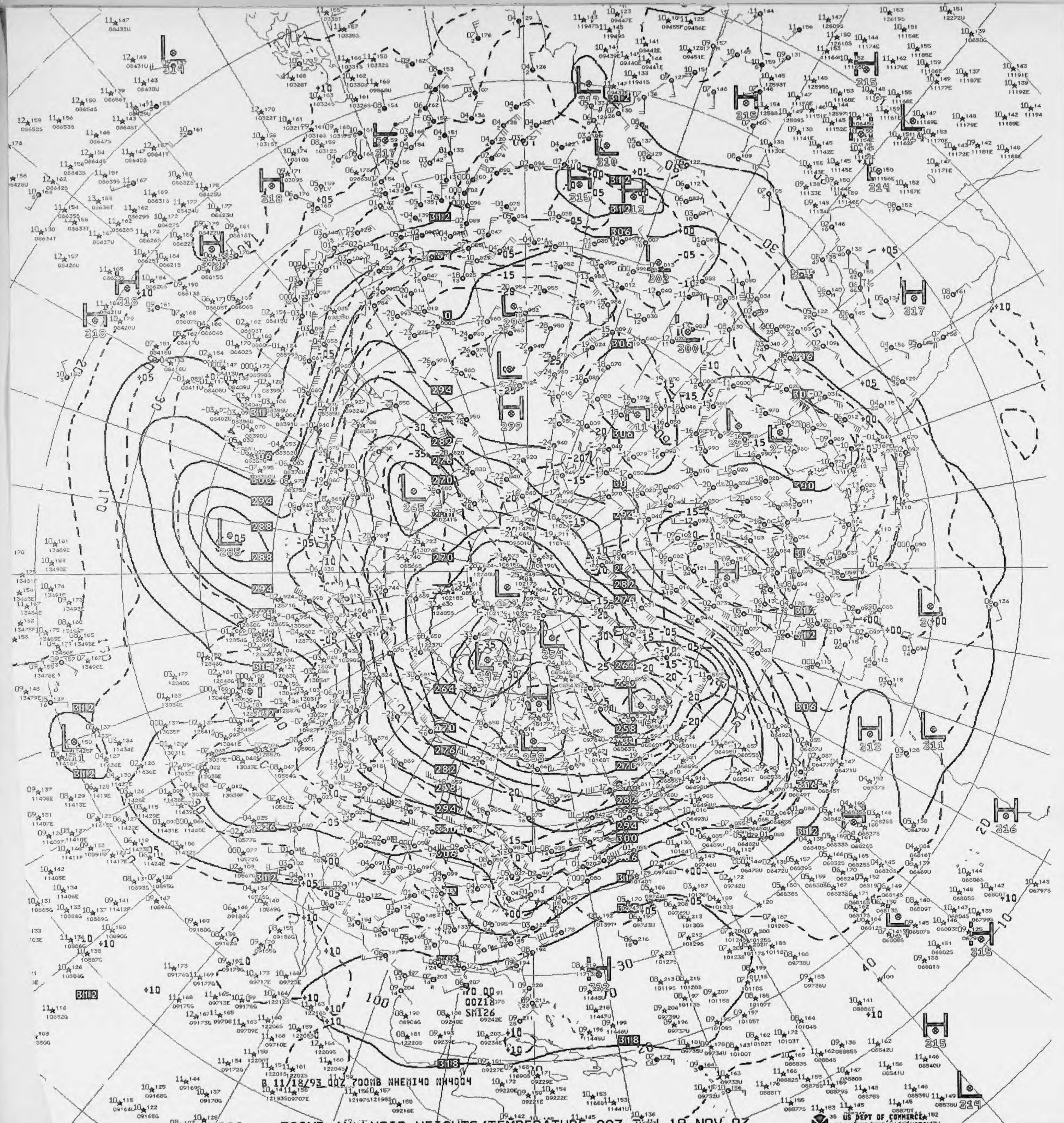
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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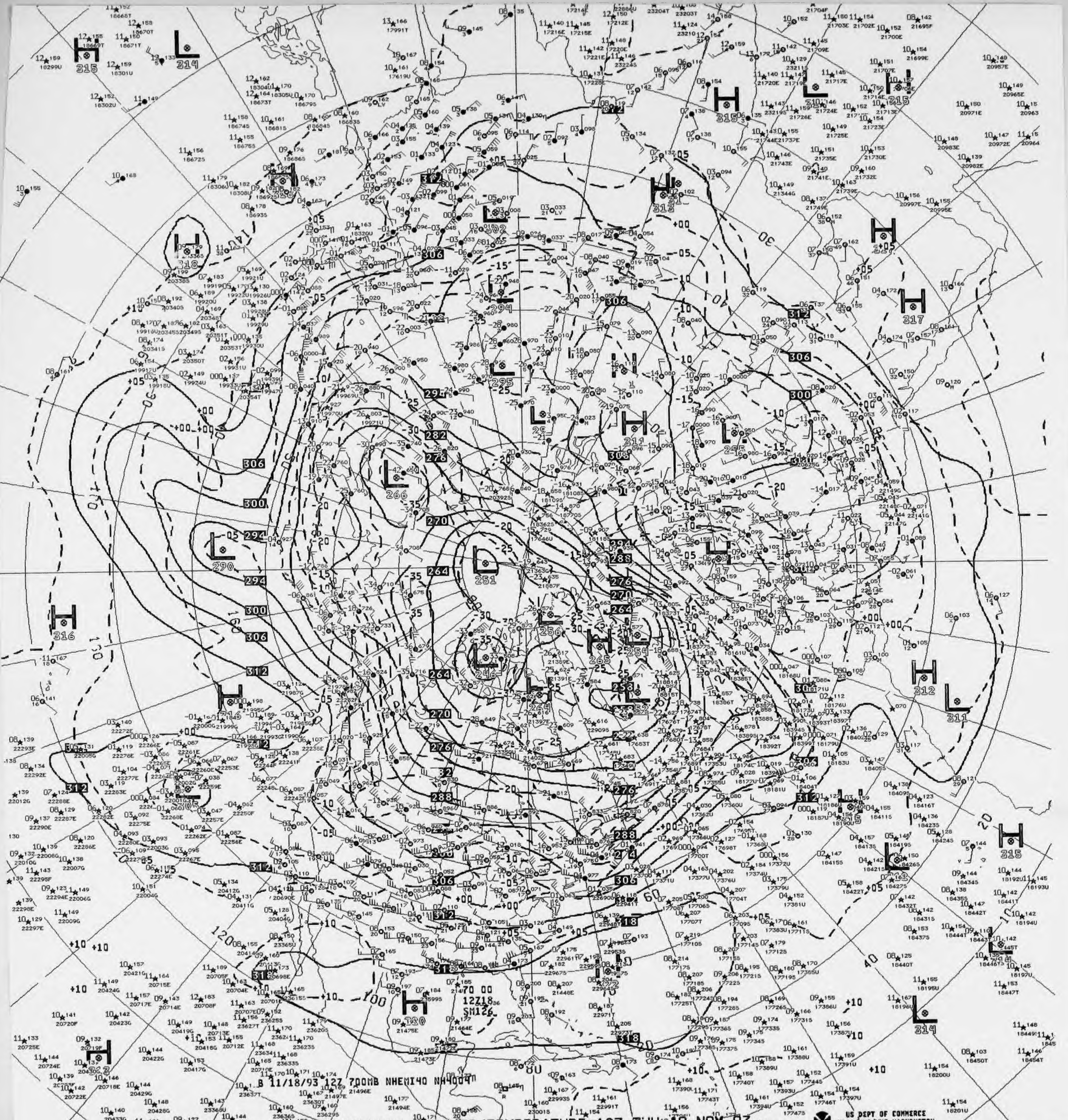
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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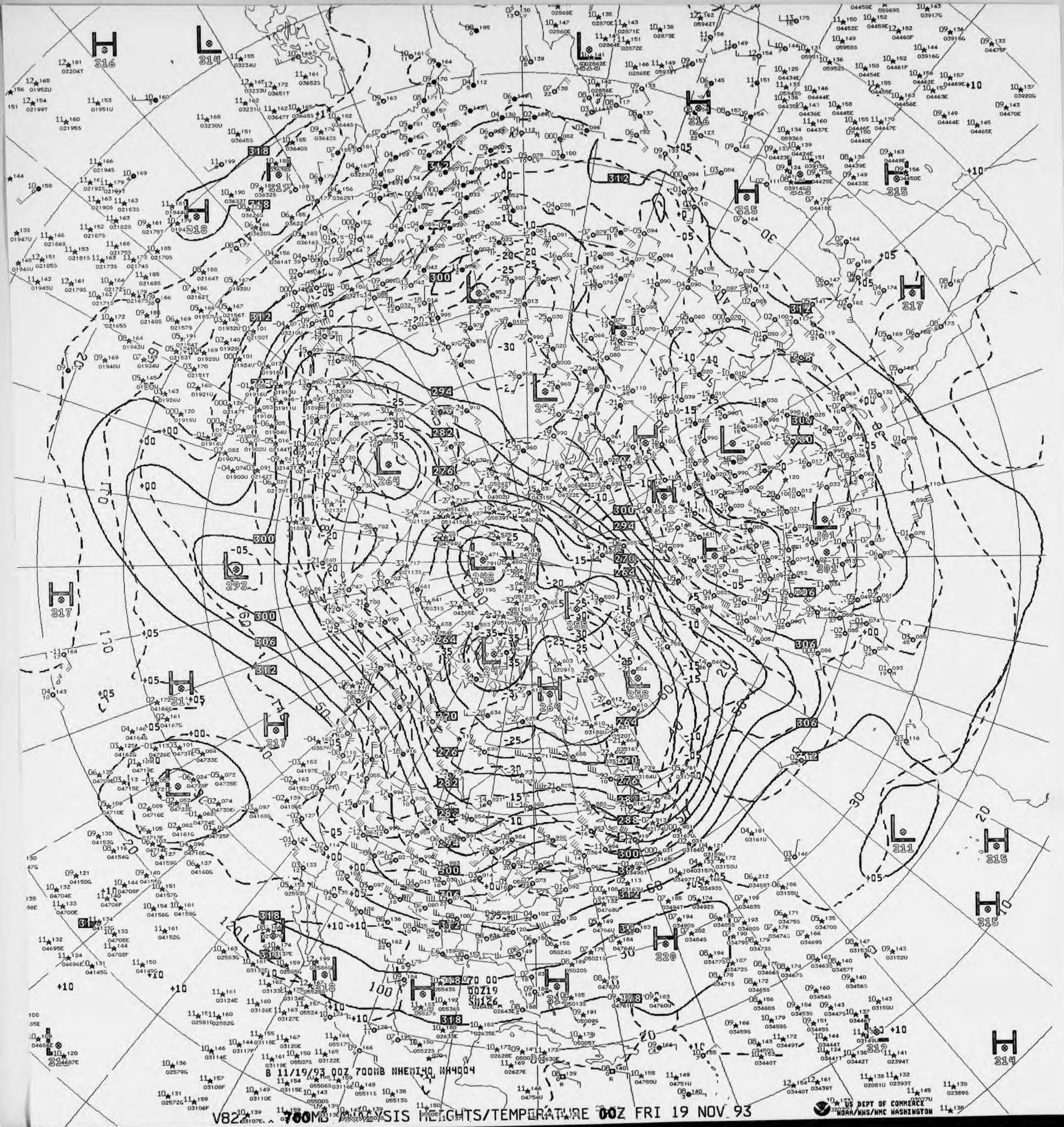
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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L 211
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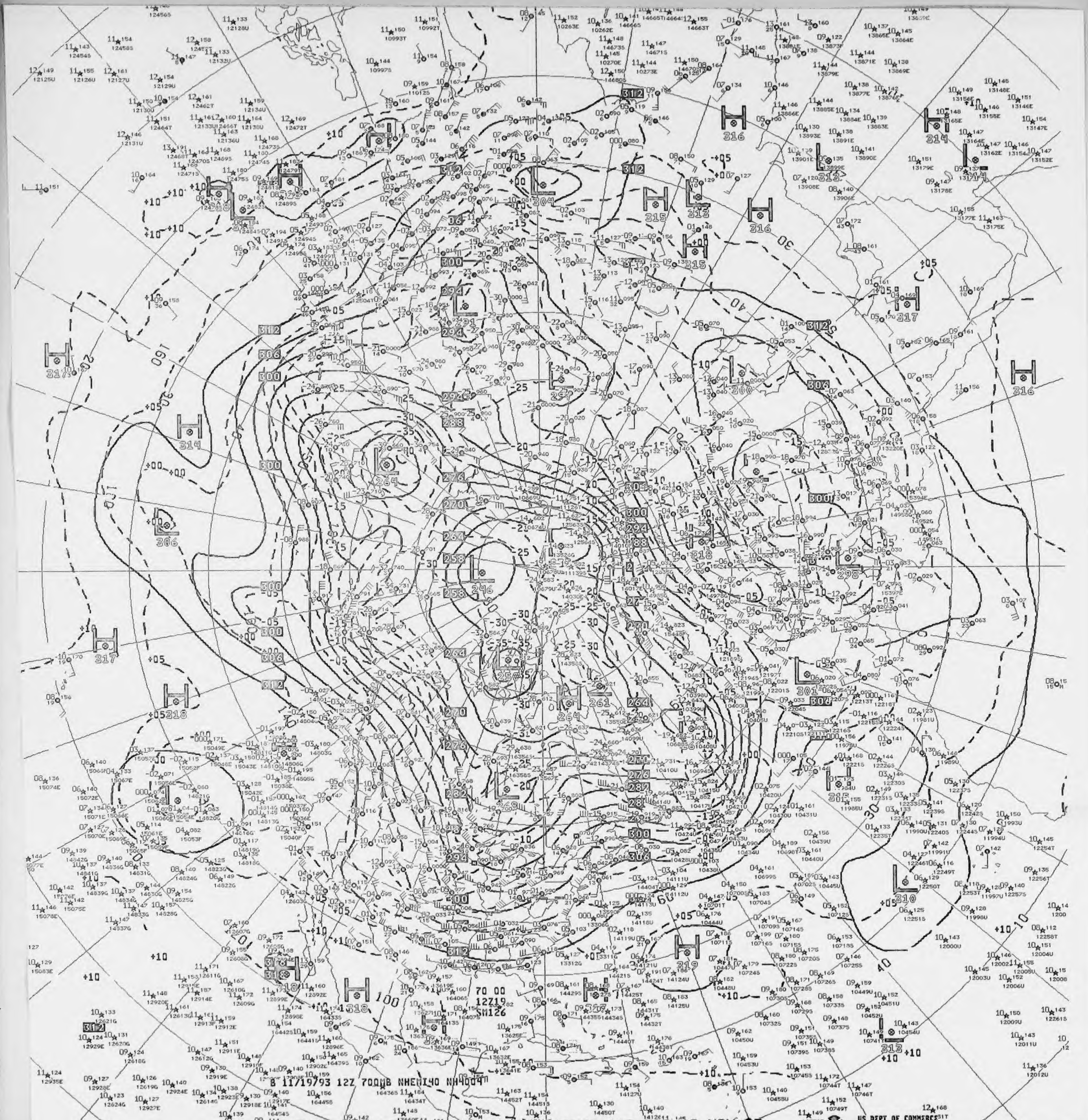
H 314
H 320

B 11/19/93 00Z 700MB NHEMI40 NH4004

V82 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 19 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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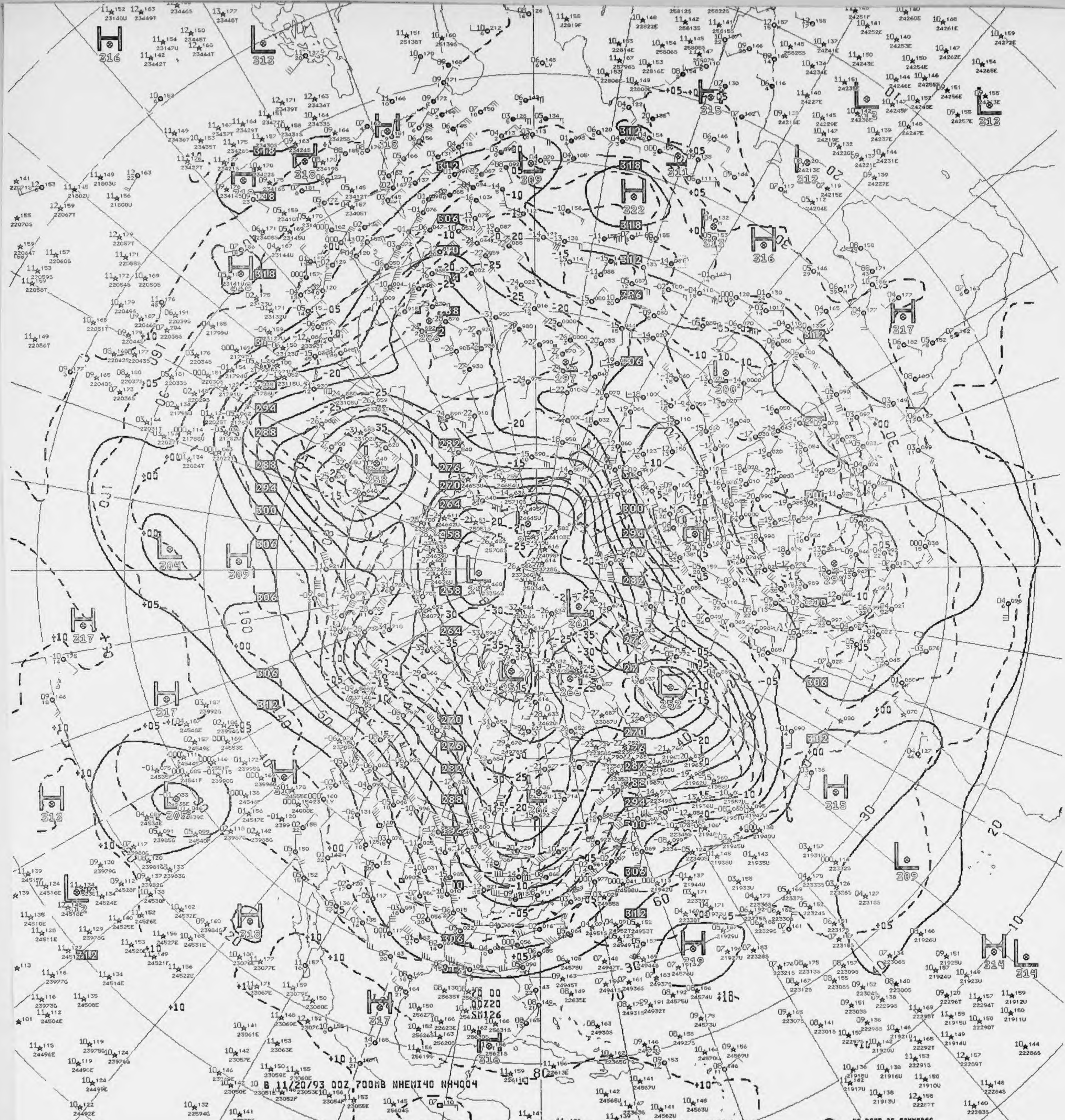
SN126

V872 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 19 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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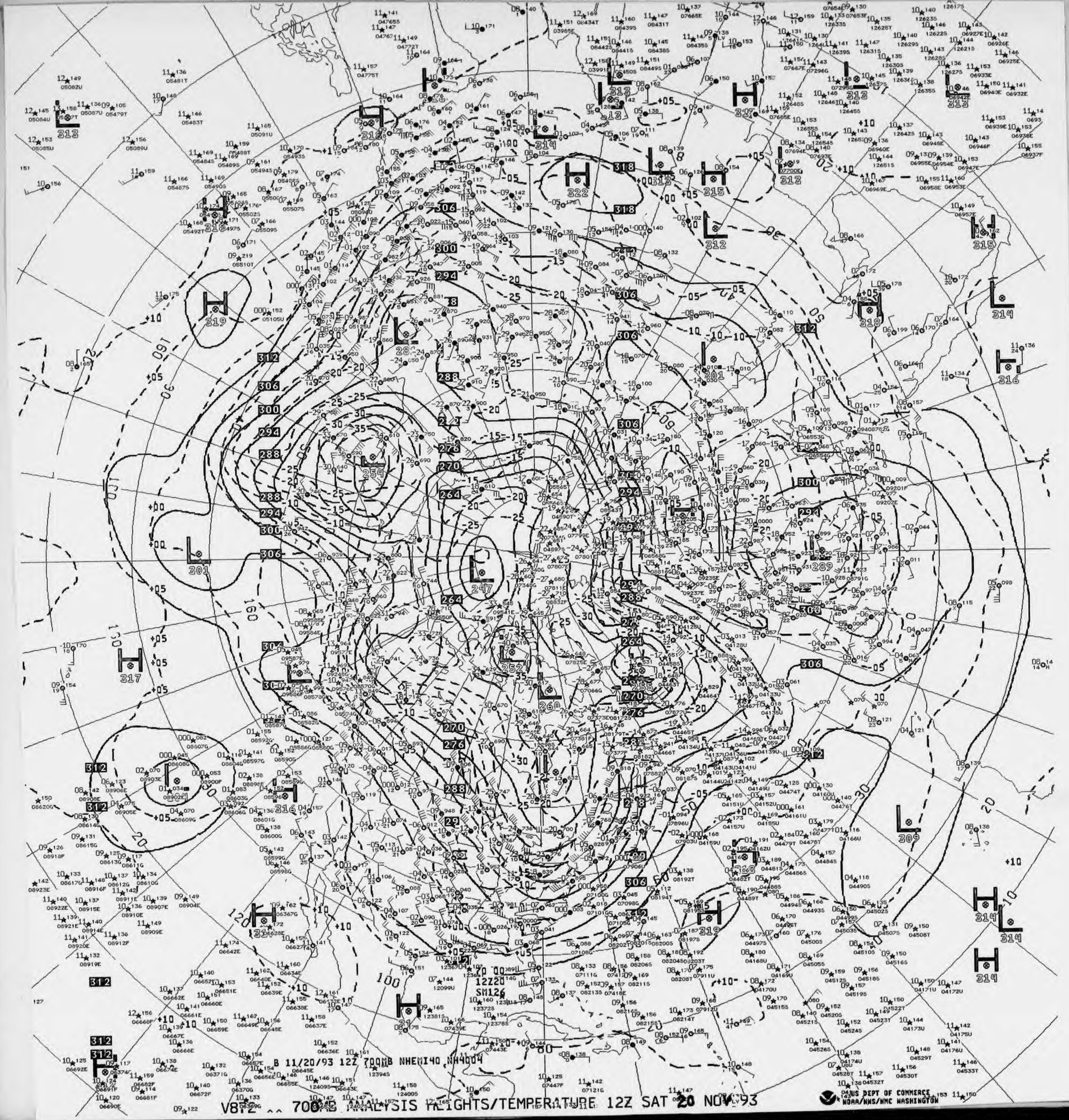
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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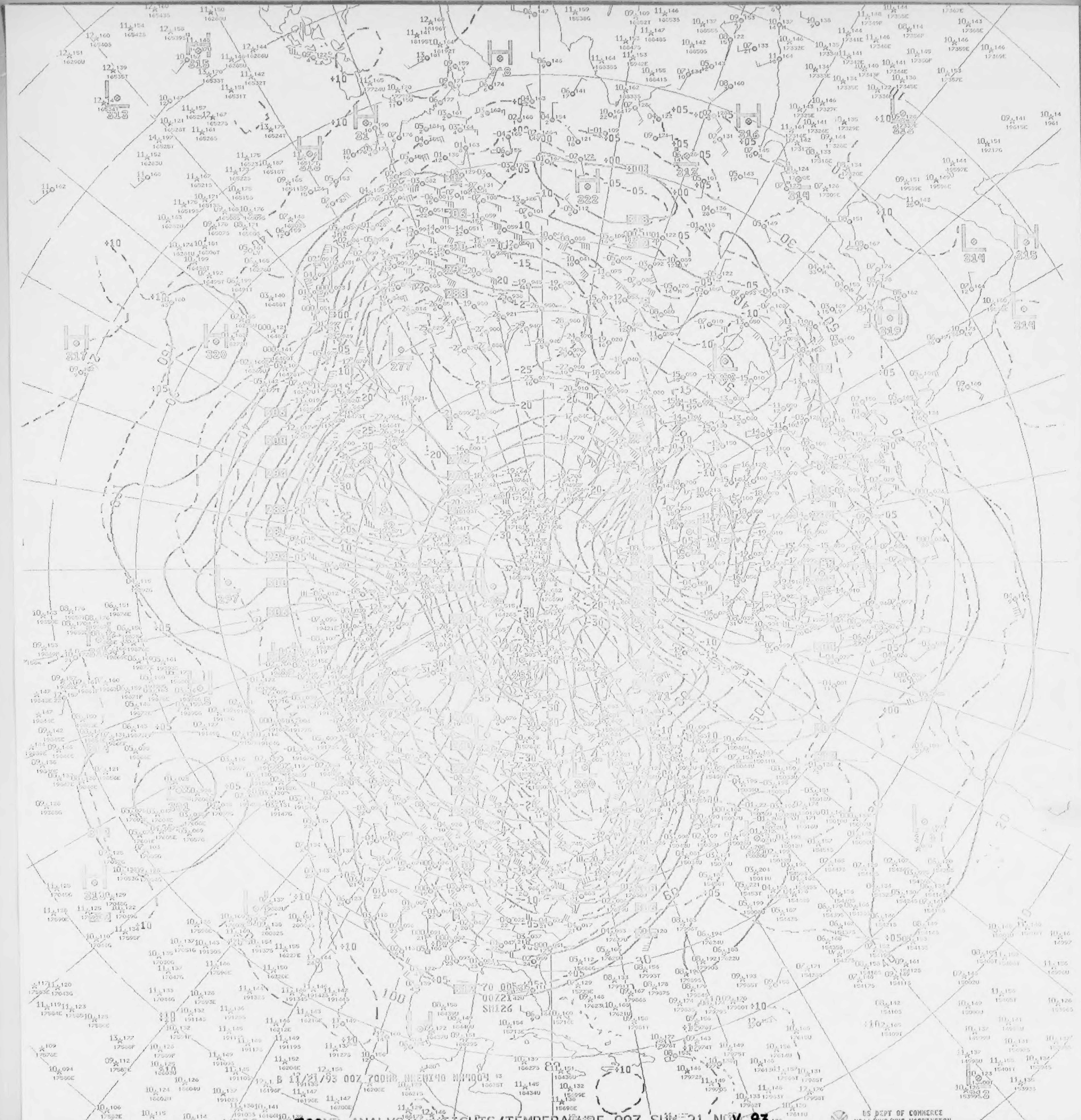
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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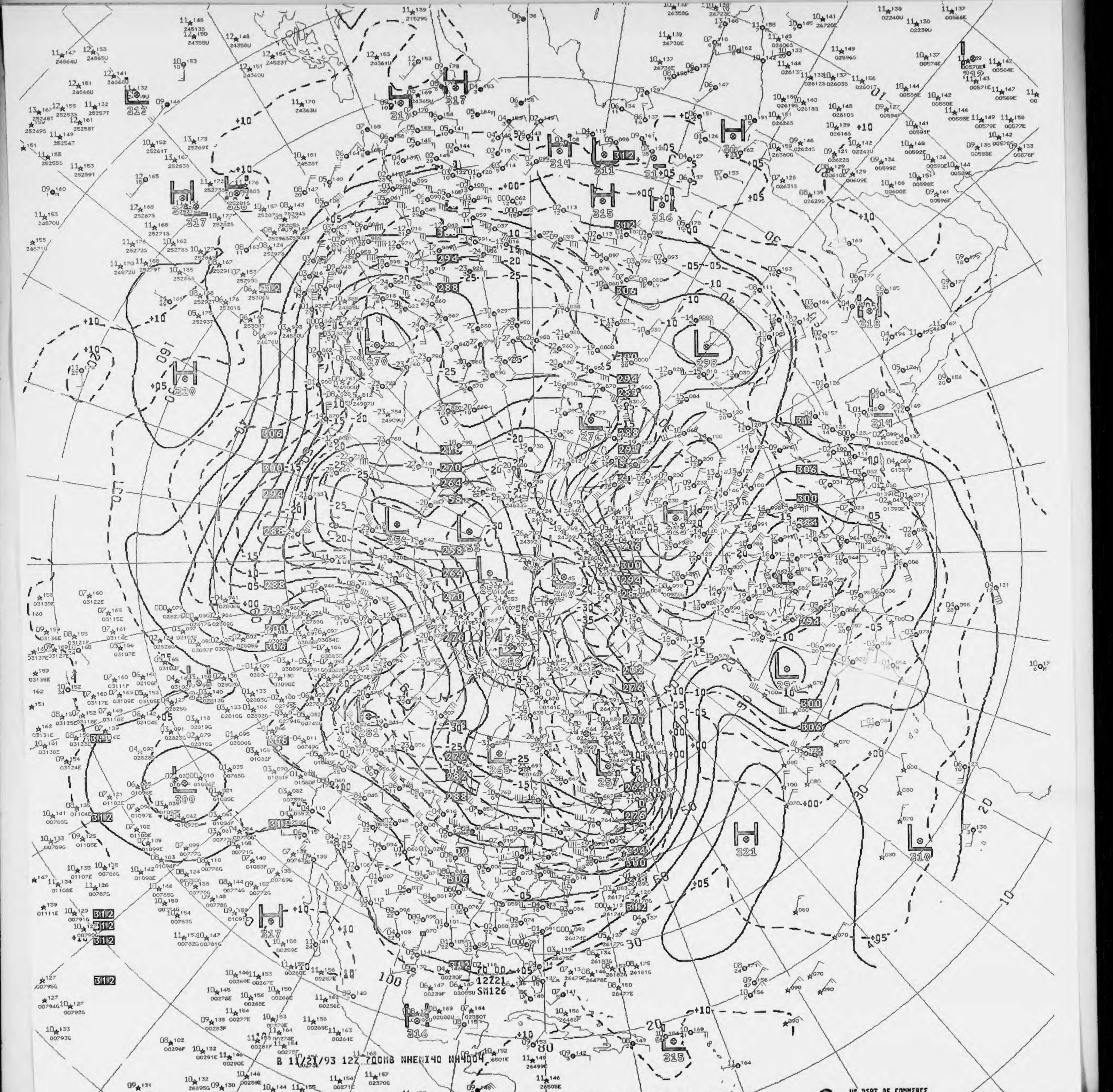
V822 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 21 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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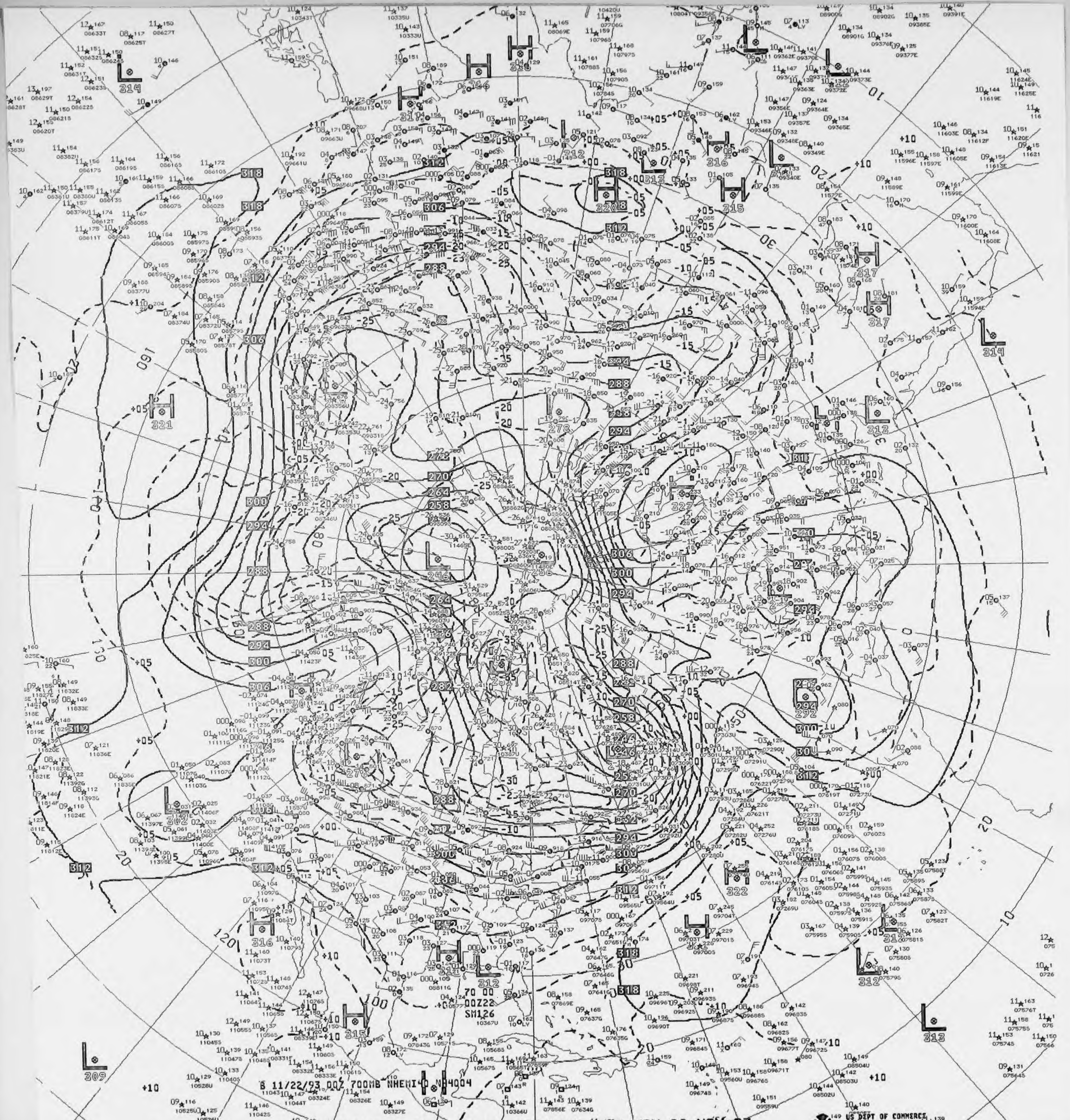
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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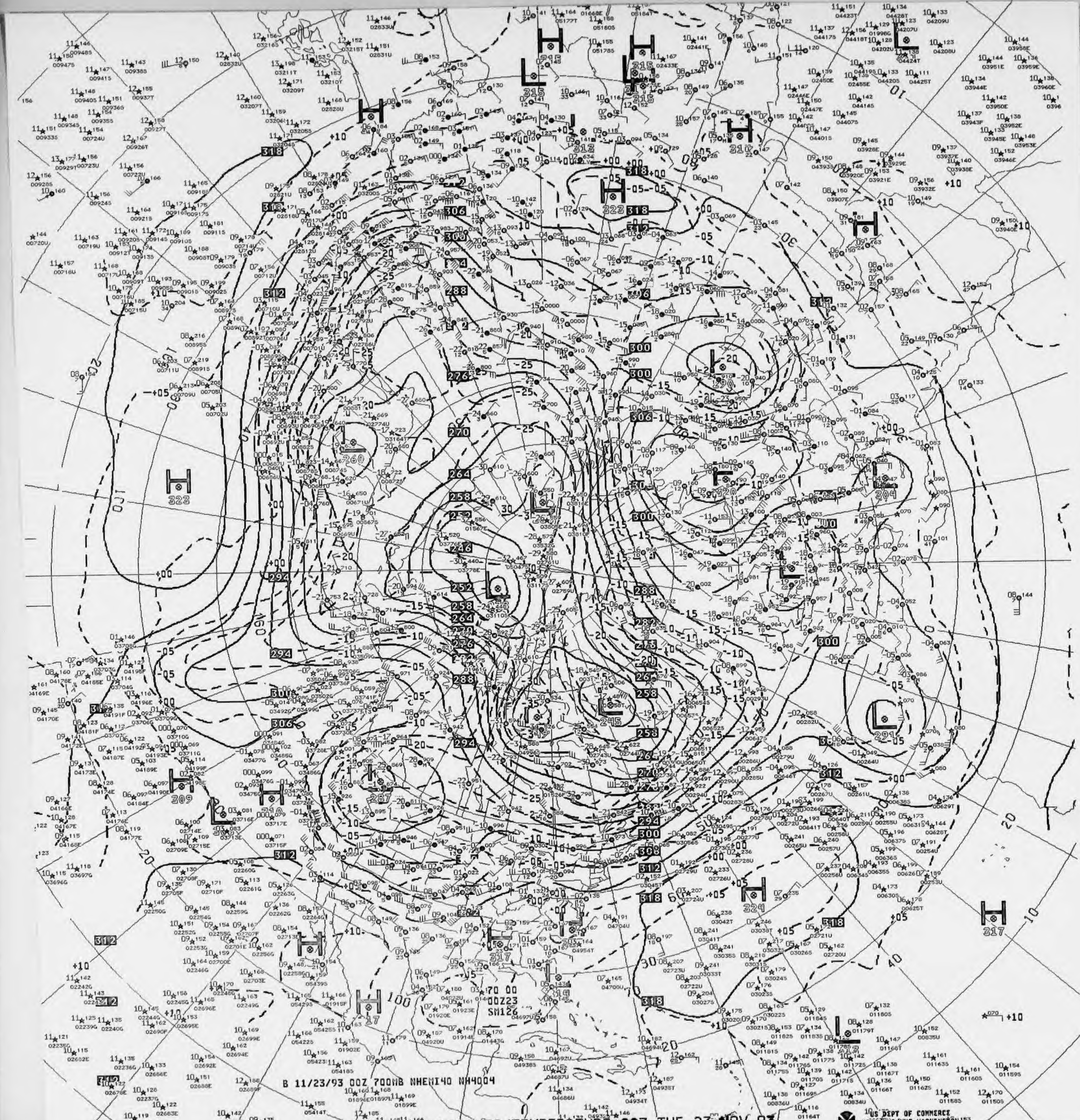
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
00Z22
SM126

V822 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 22 NOV 93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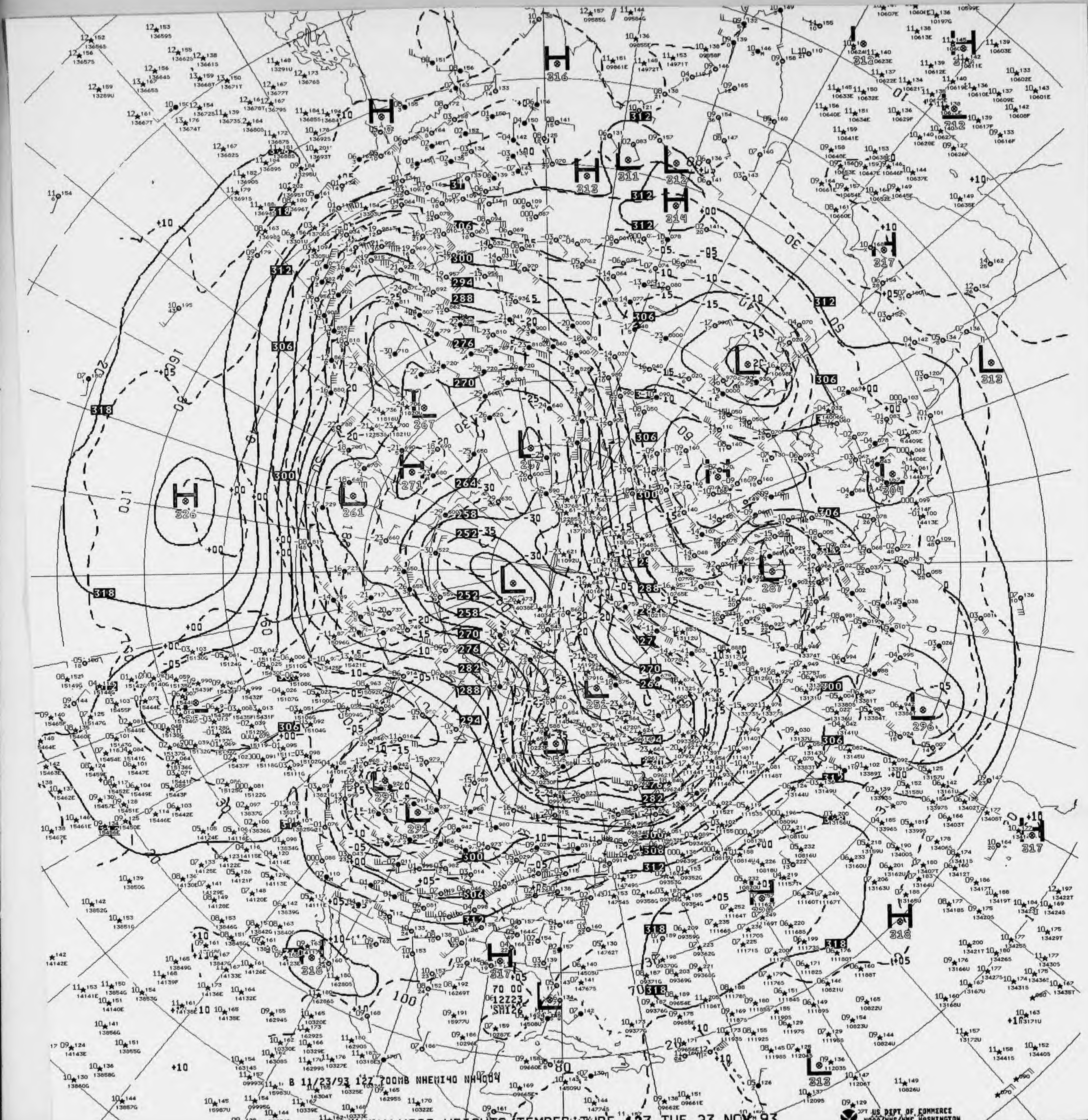
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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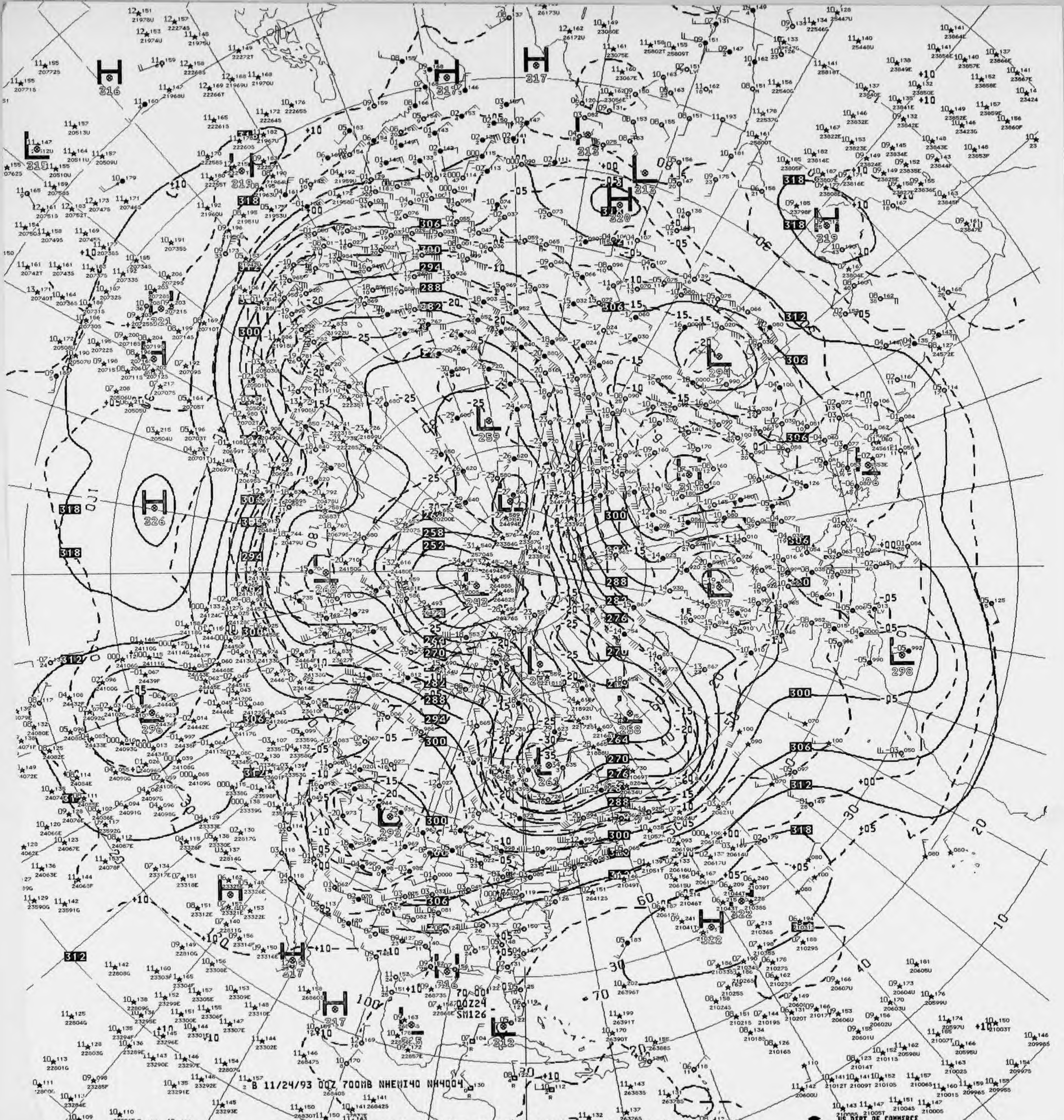
700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 23 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
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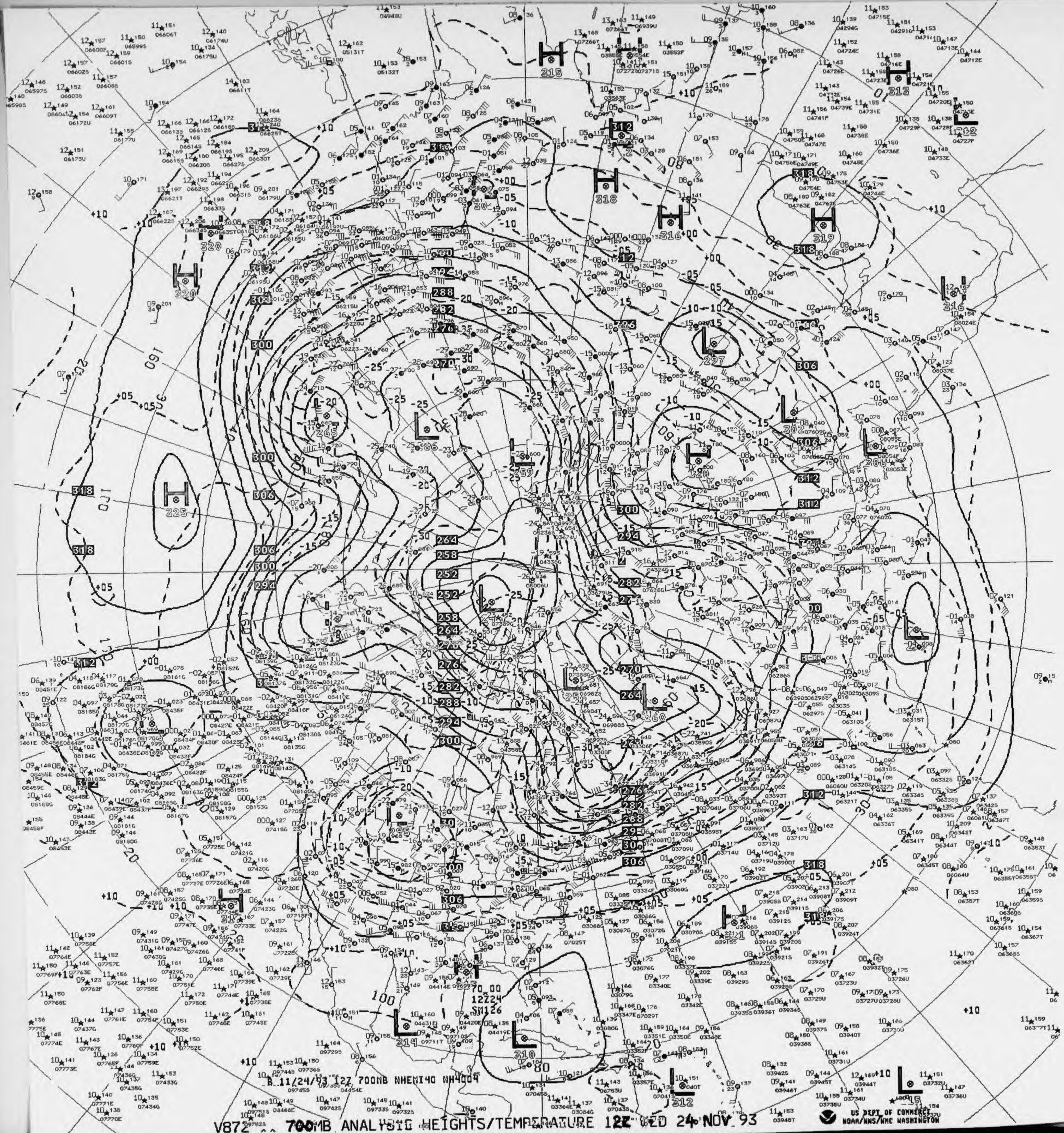
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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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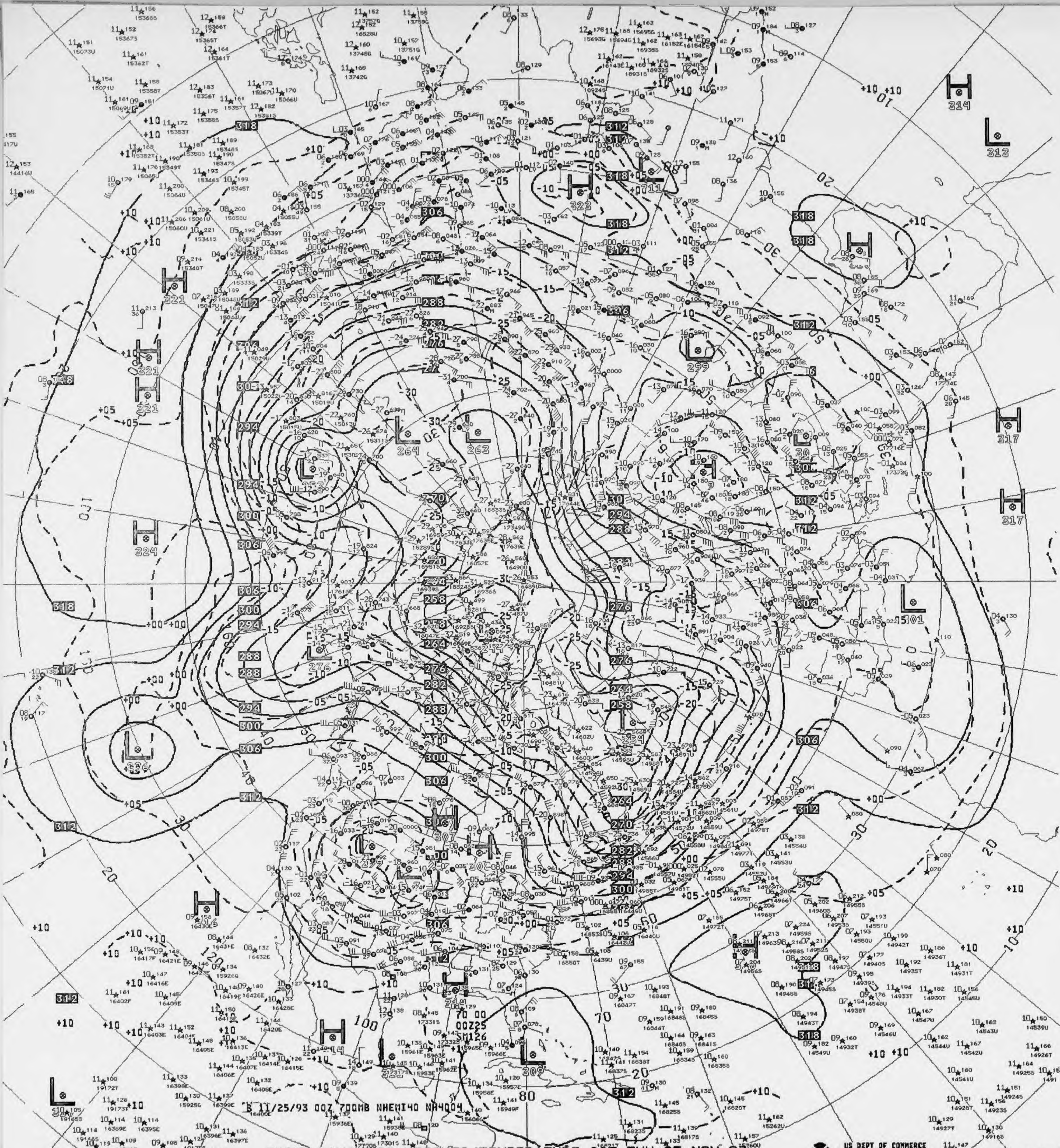
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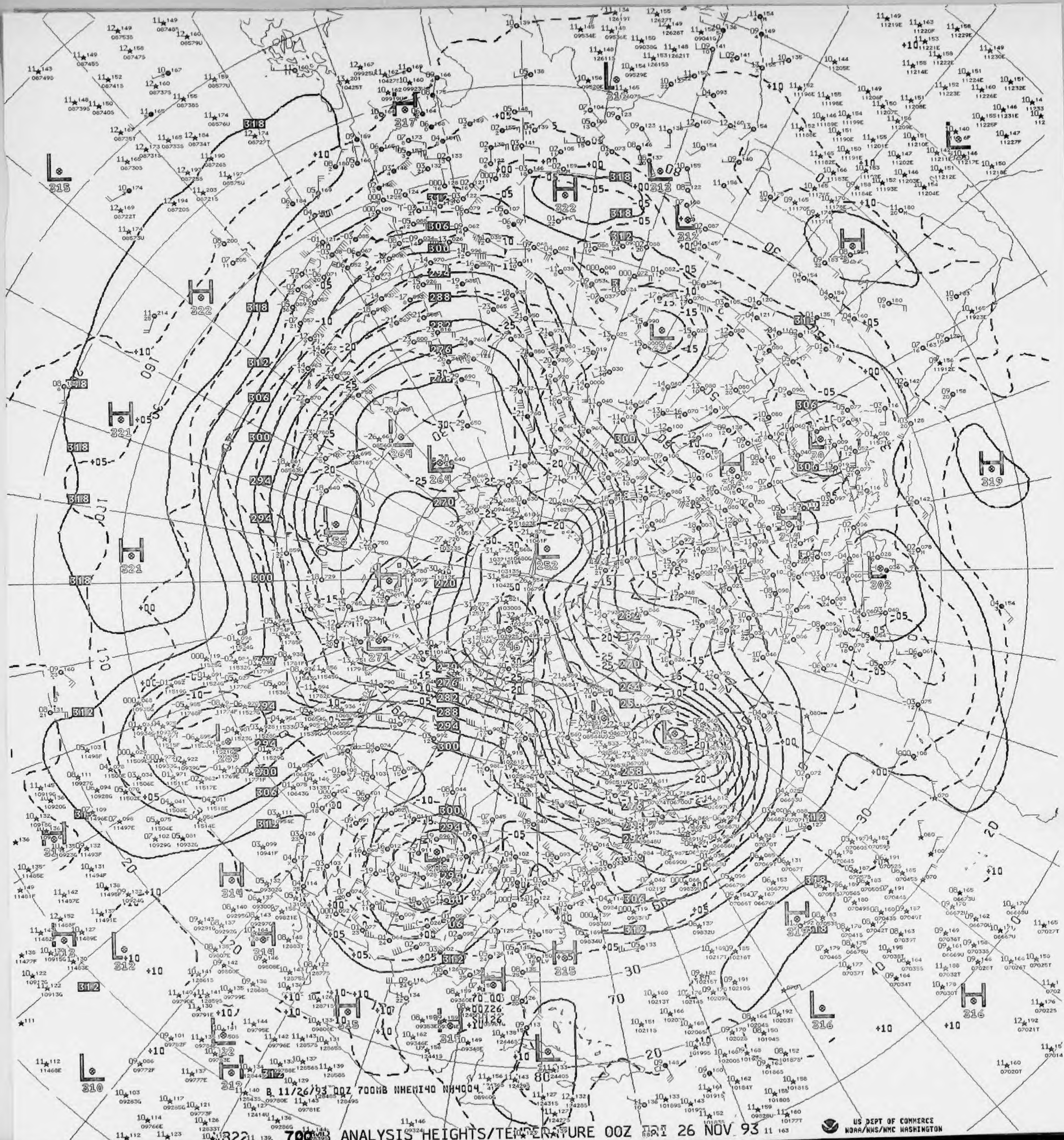
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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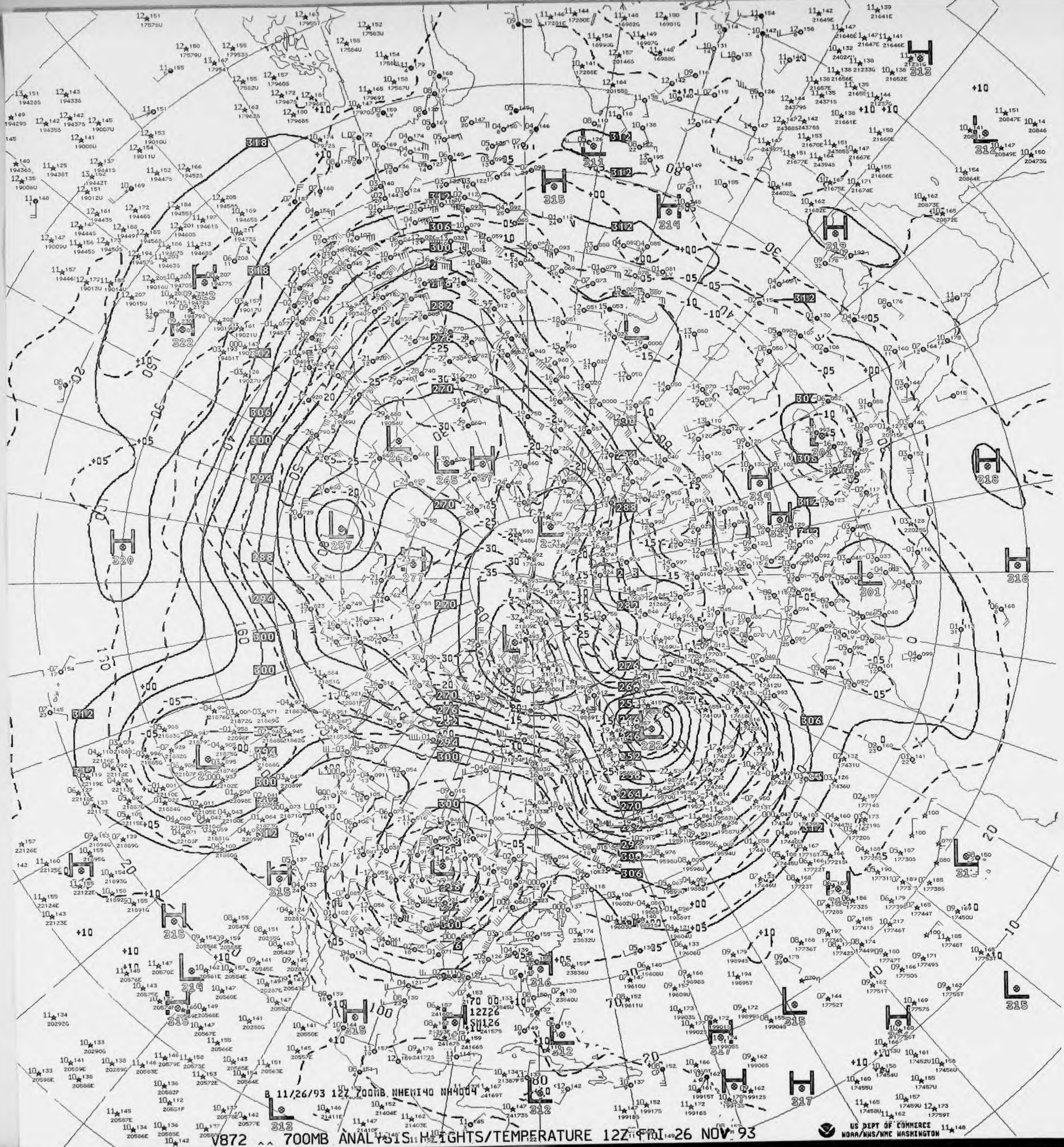
822 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 26 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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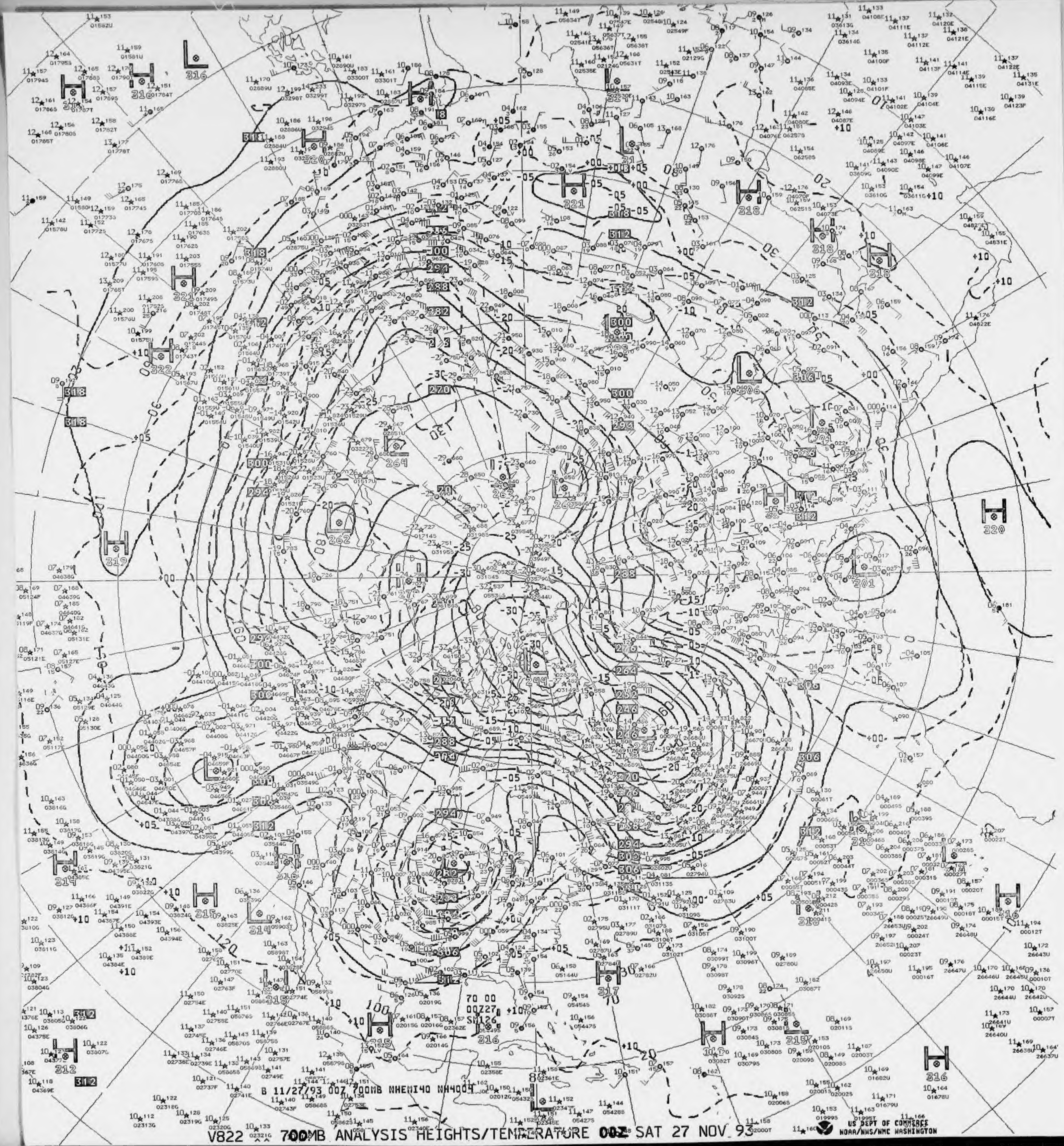
V872 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 26 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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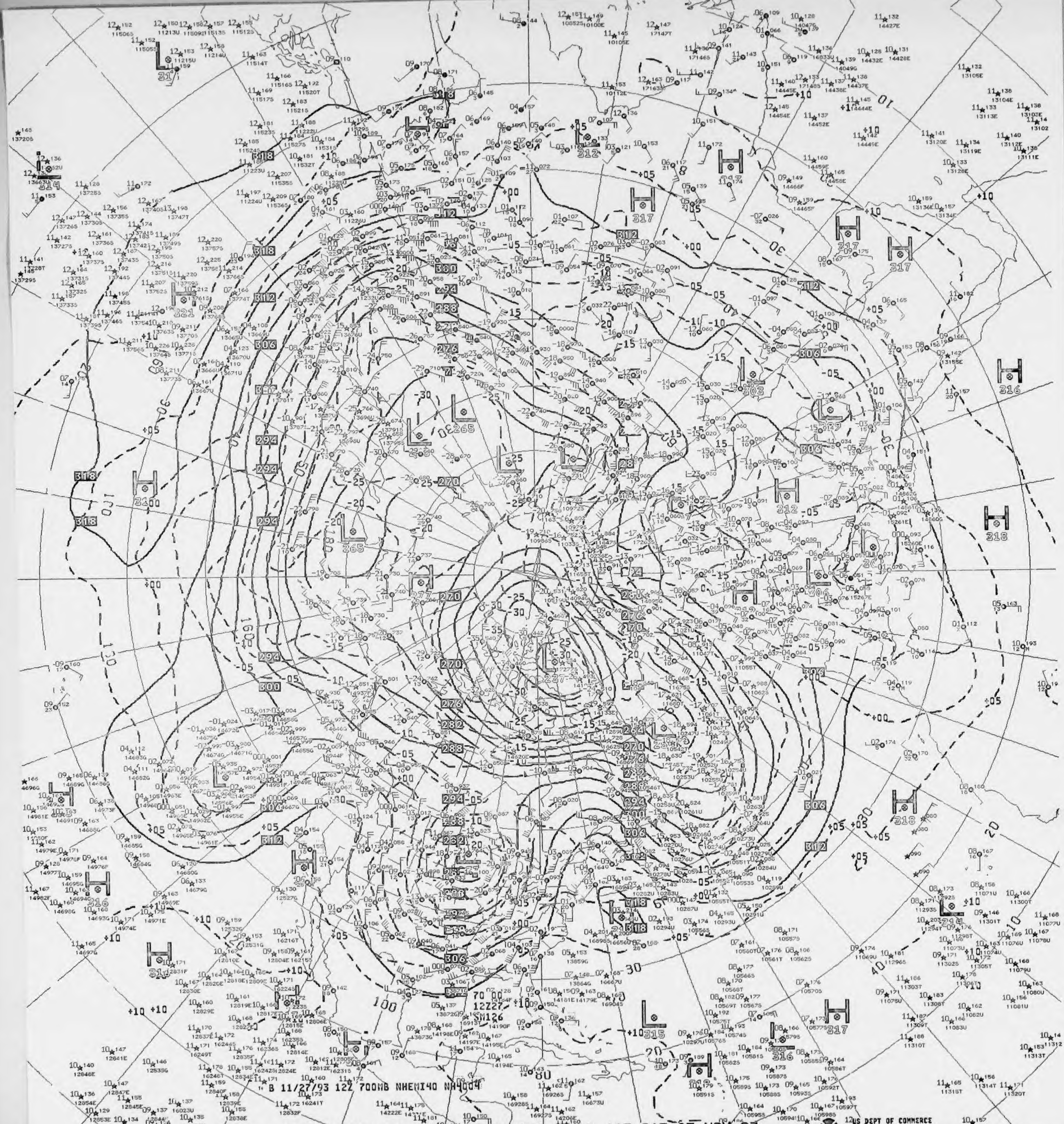
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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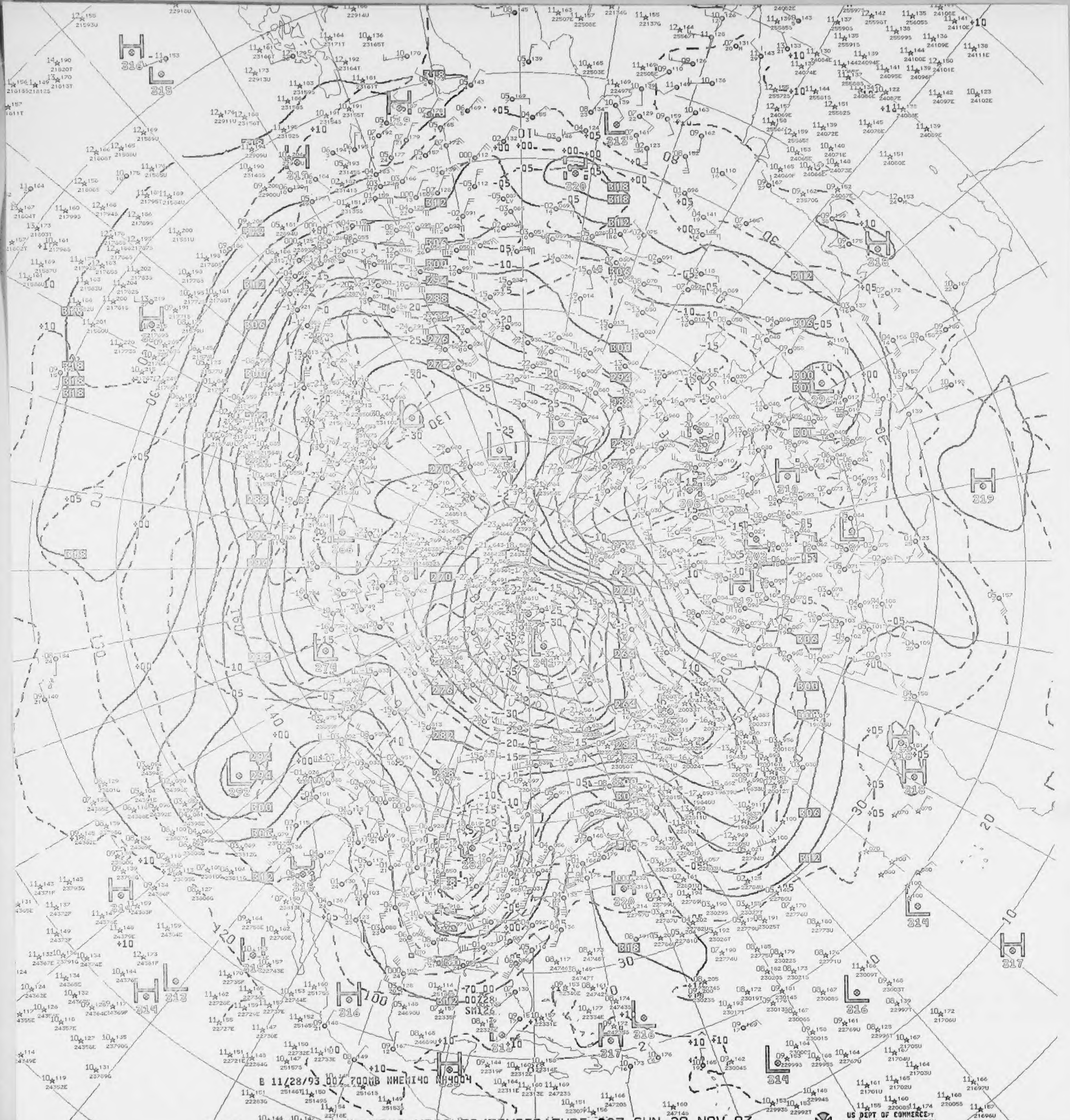
V872 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 27 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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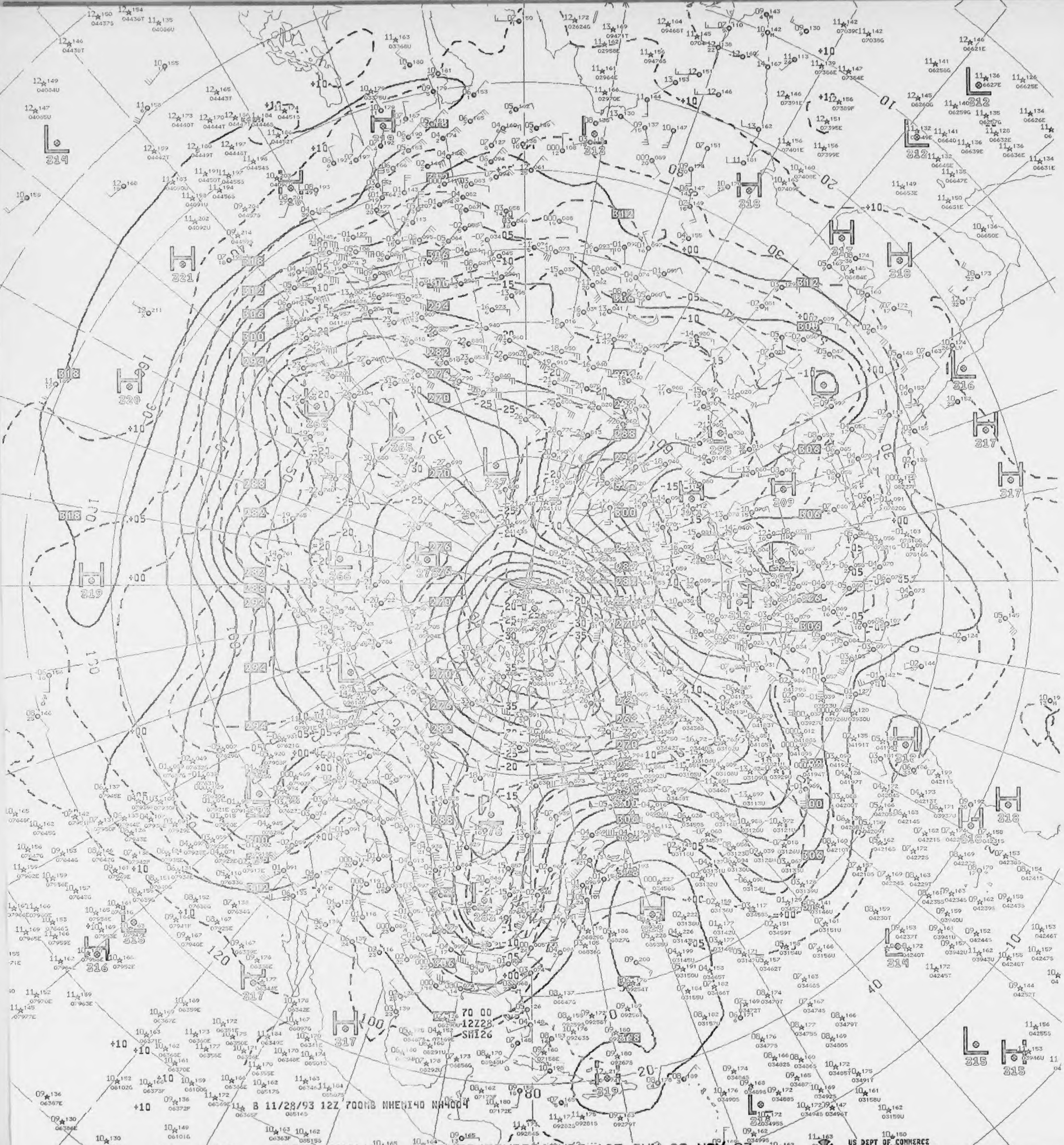
V822 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 28 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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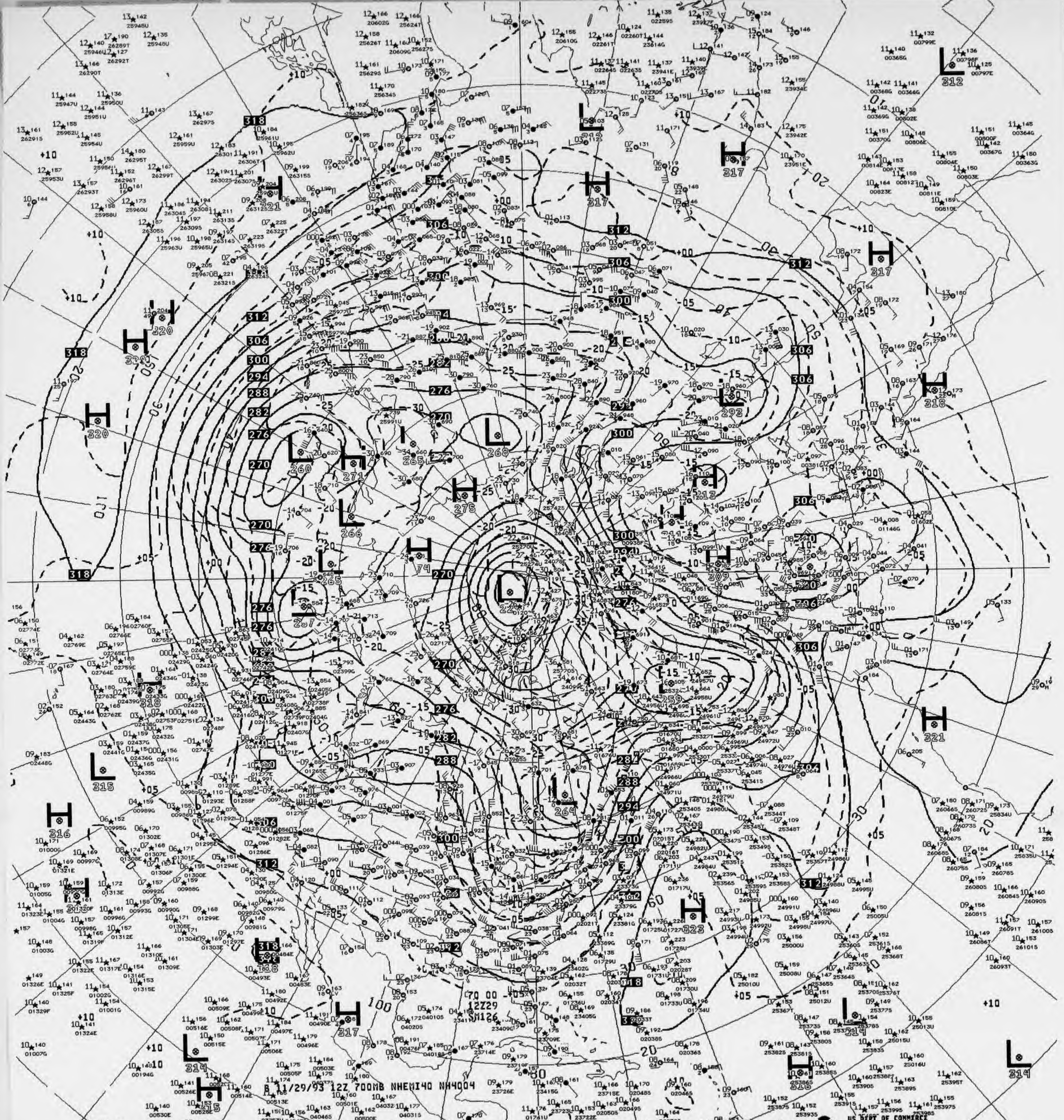
V872 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 28 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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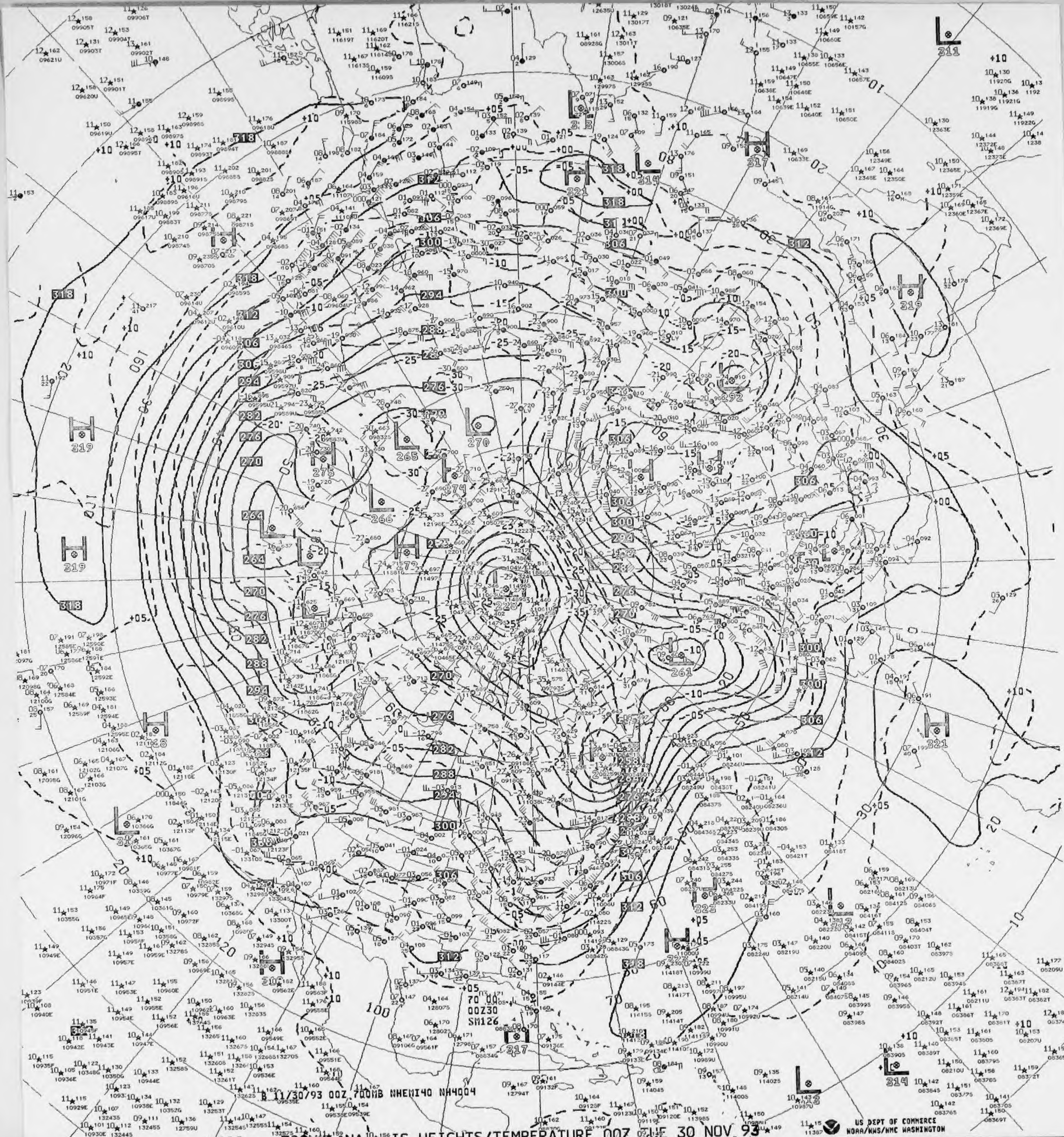
V872 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 29 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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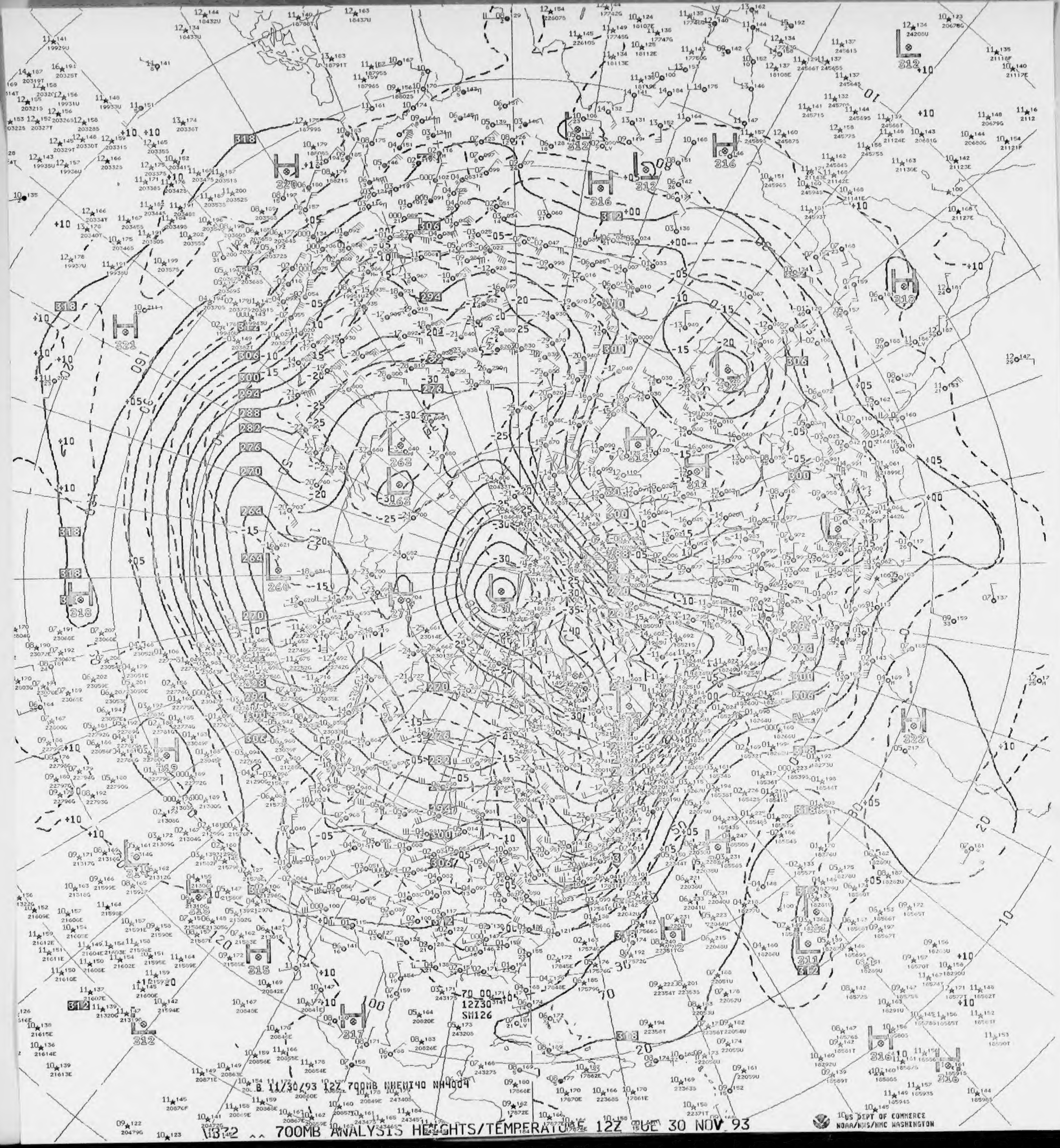
V822 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 30 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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SH126
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321
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316
270
276
300
306
-30
-25
-20
-15
-10
-05
+05
+10

VB32 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 30 NOV 93

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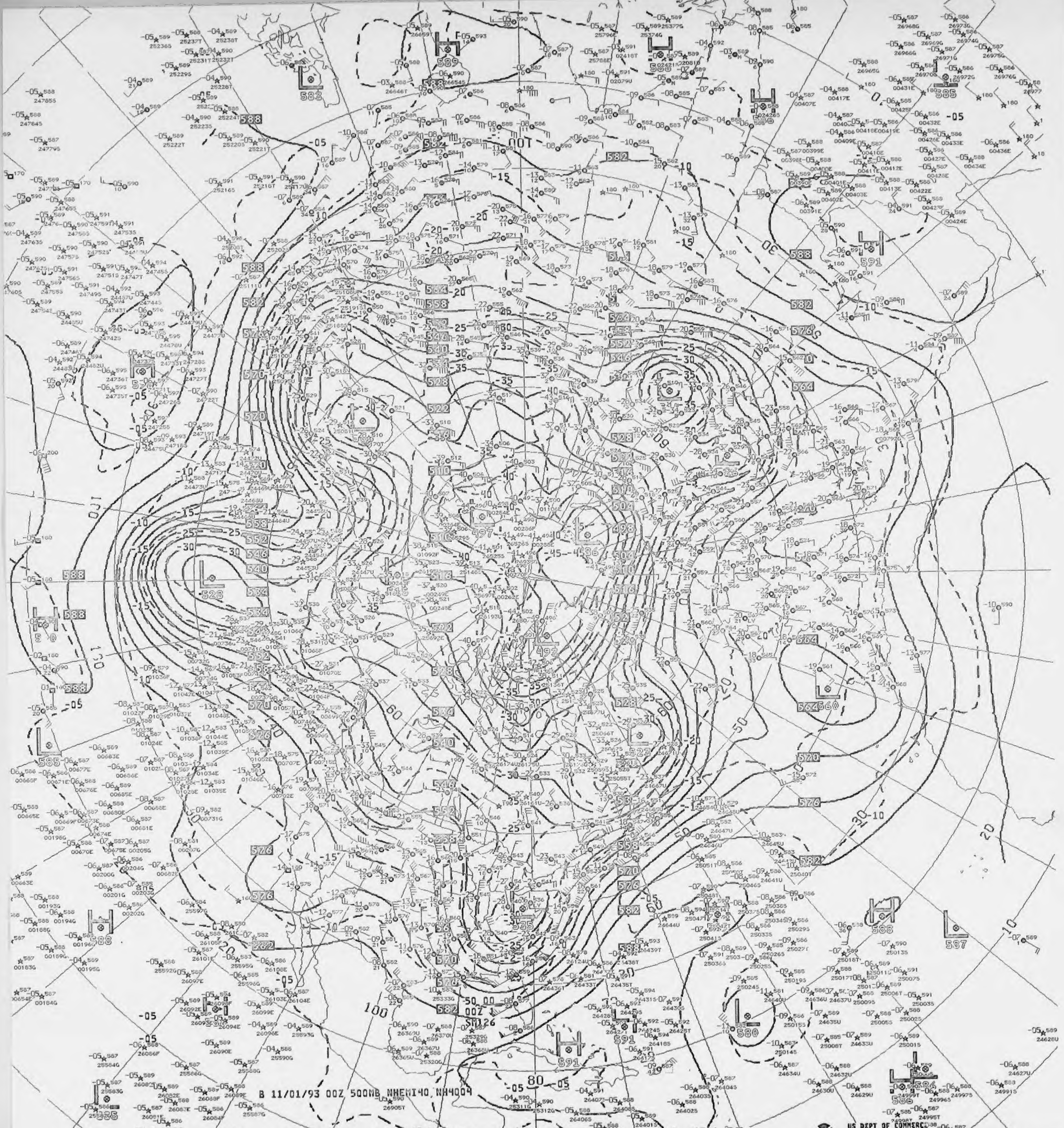
A Form 48 - 3628
8 - 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

500 MB CONSTANT PRESSURE CHARTS

NORTHERN HEMISPHERE NWP

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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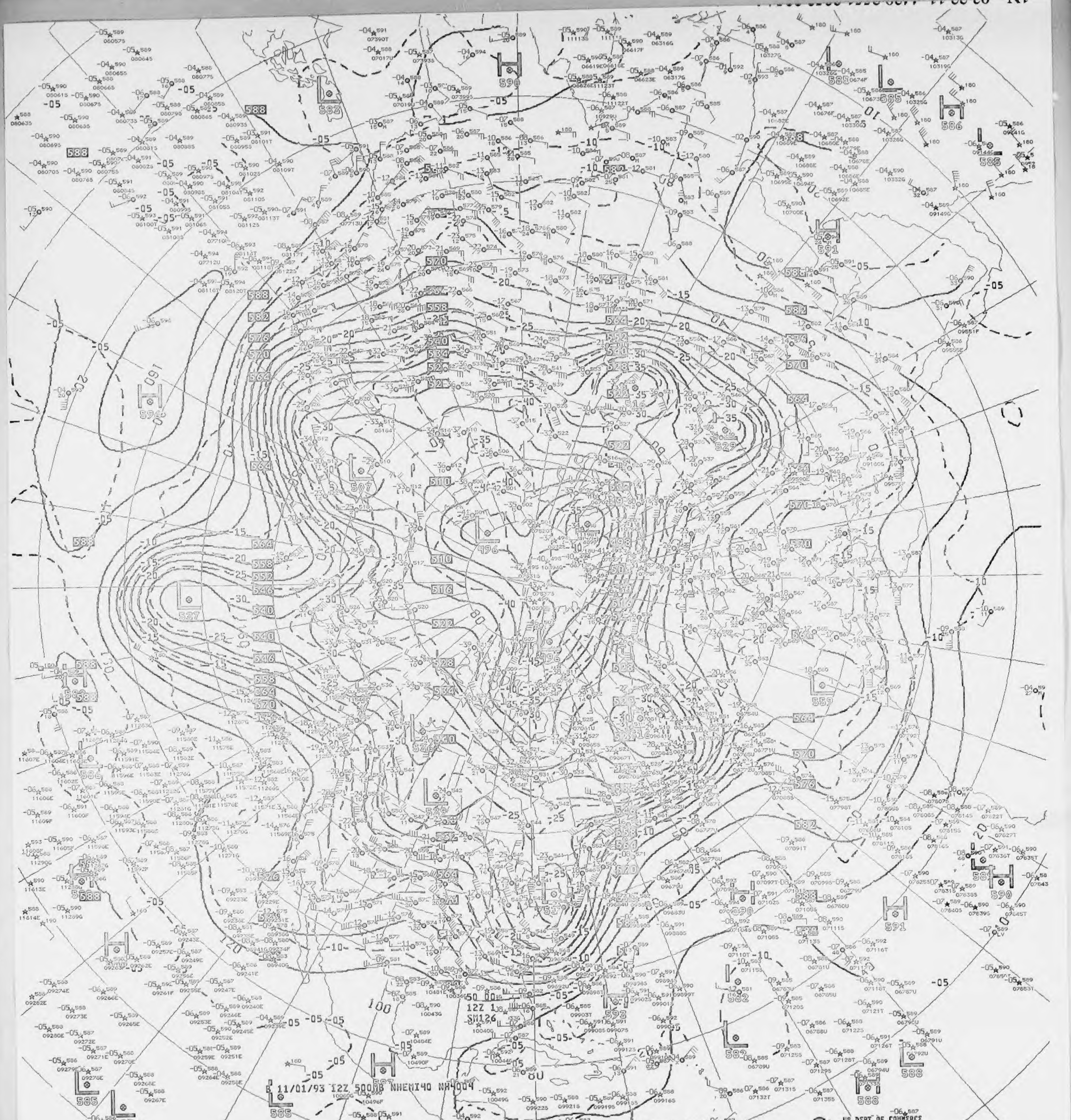
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V873 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 1 NOV 93

US DEPT OF COMMERCE
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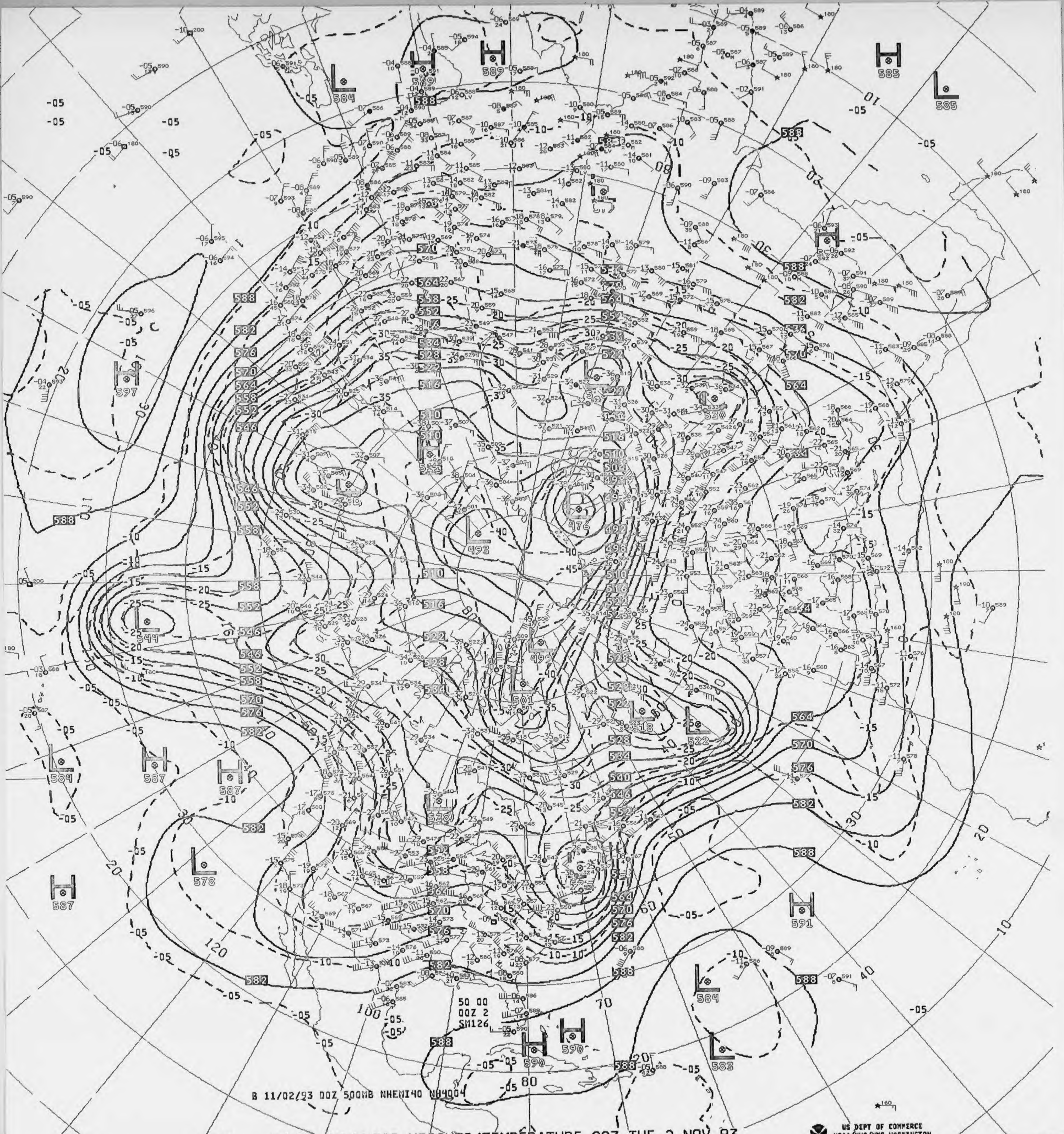

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L 493
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L 501
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L 536
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H 587
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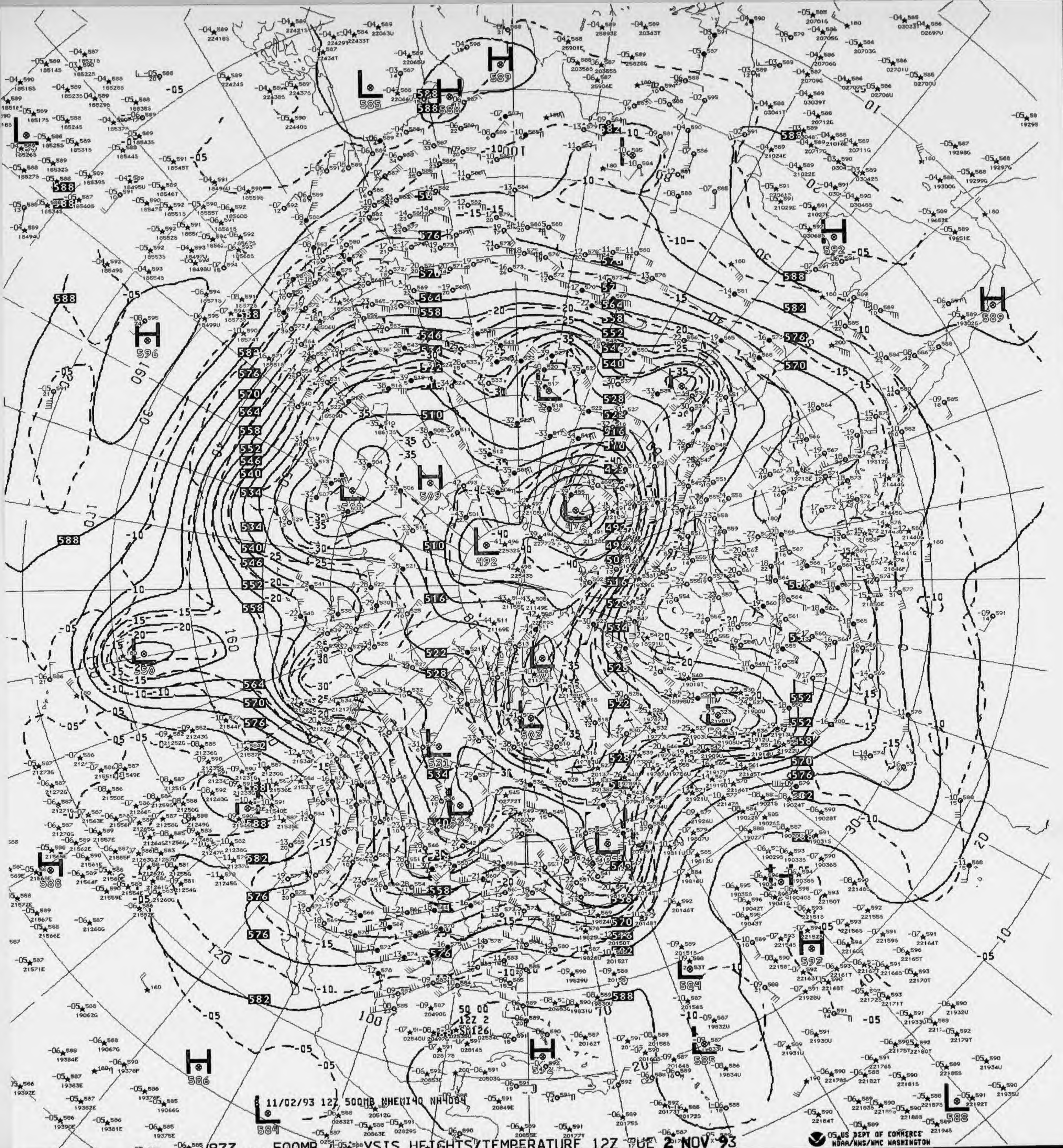
H 587
H 591
L 584
L 583
H 590
H 590

B 11/02/93 00Z 500MB NHEMI40 NH4004

V823 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 2 NOV 93

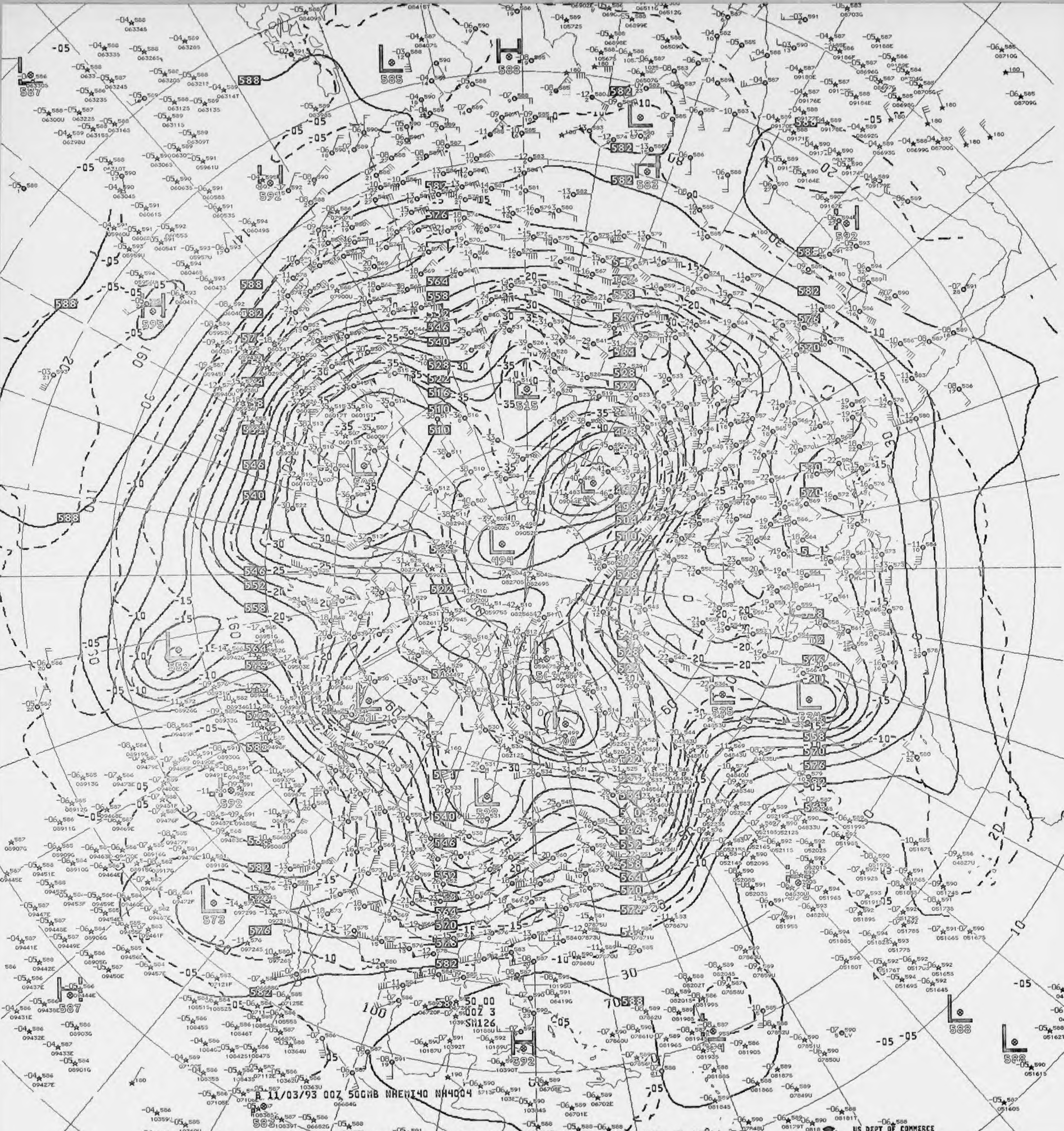
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



11/02/93 12Z 500MB NHEMI40 NH4004

V873 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 2 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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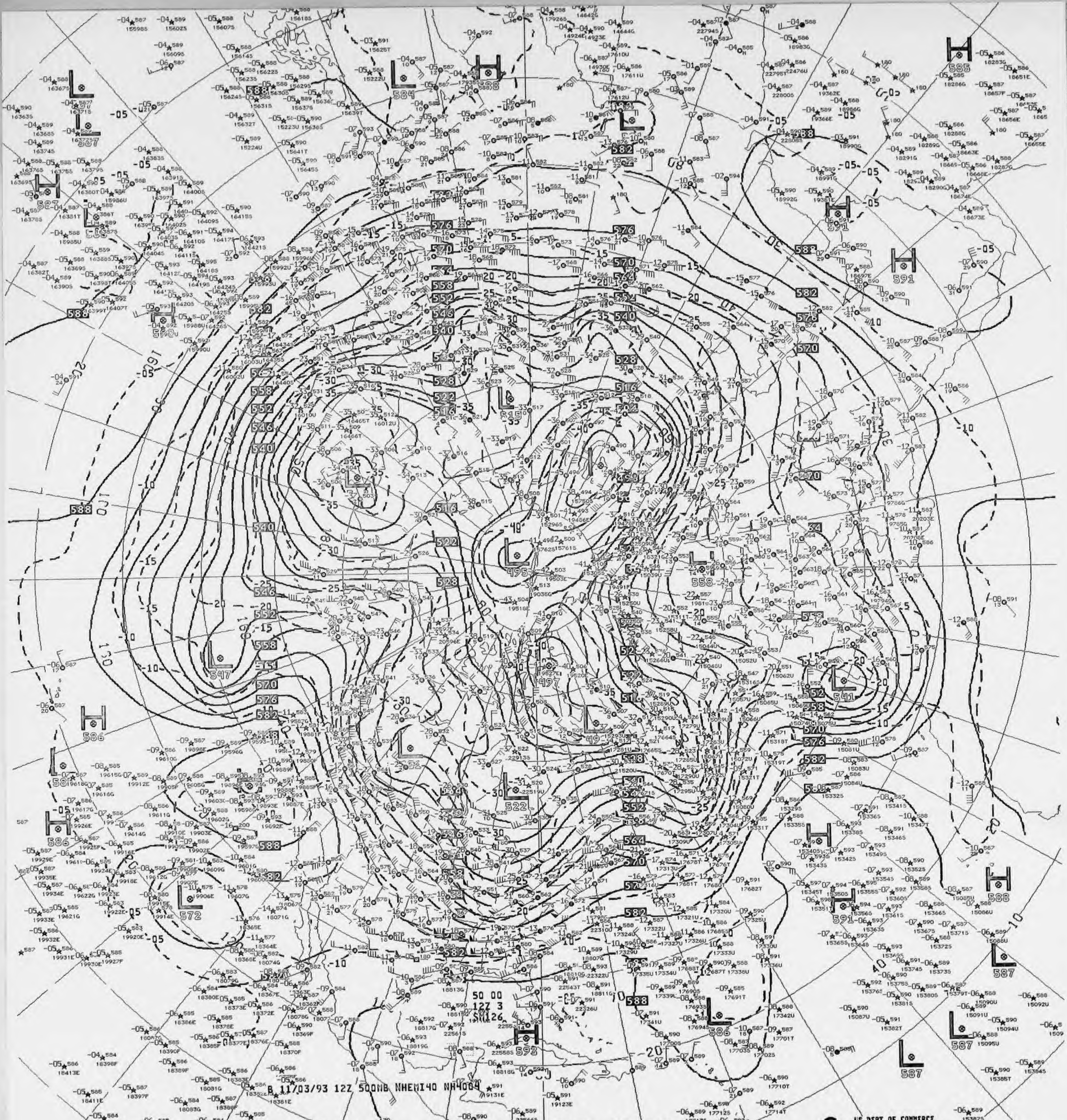
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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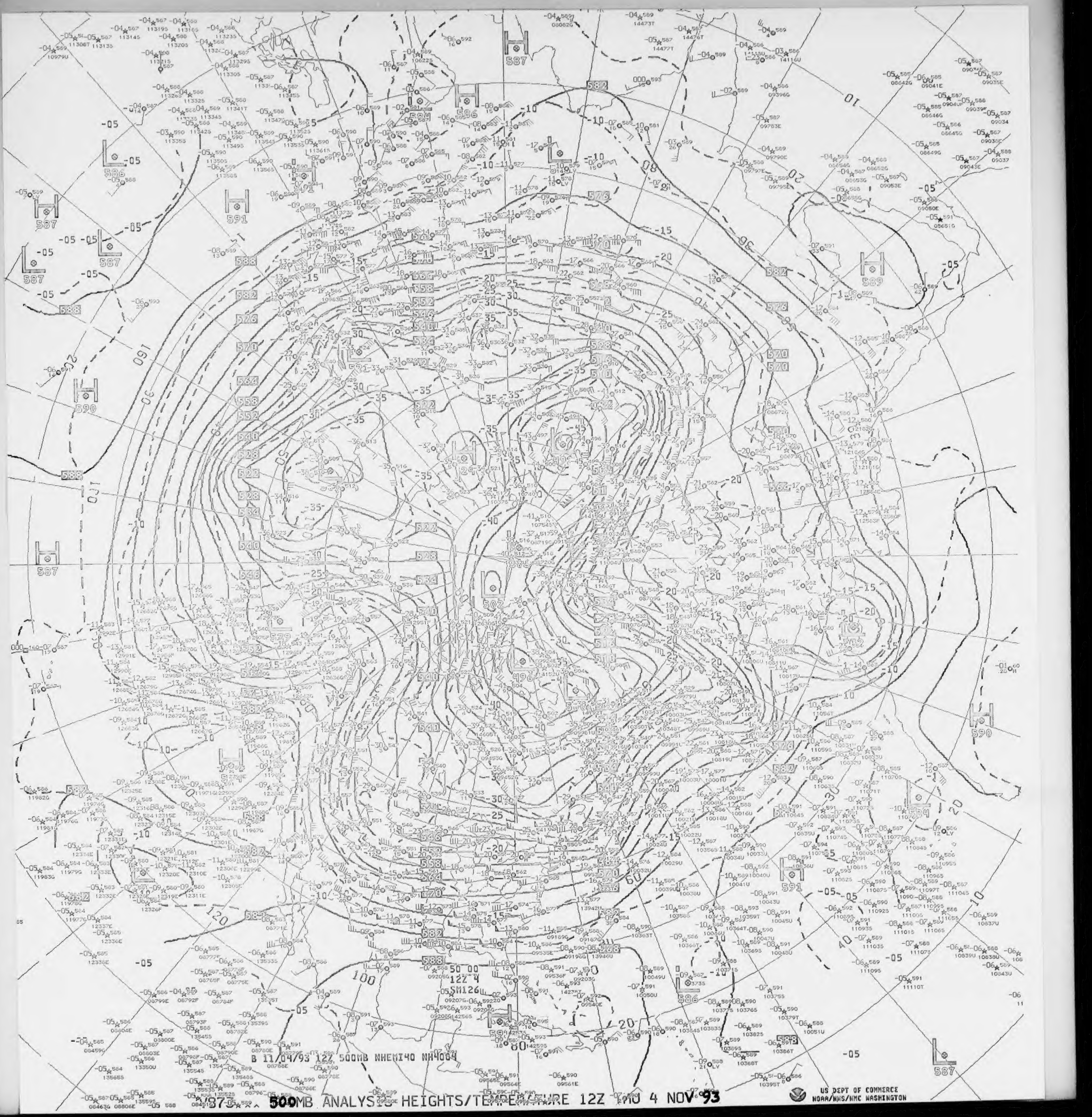
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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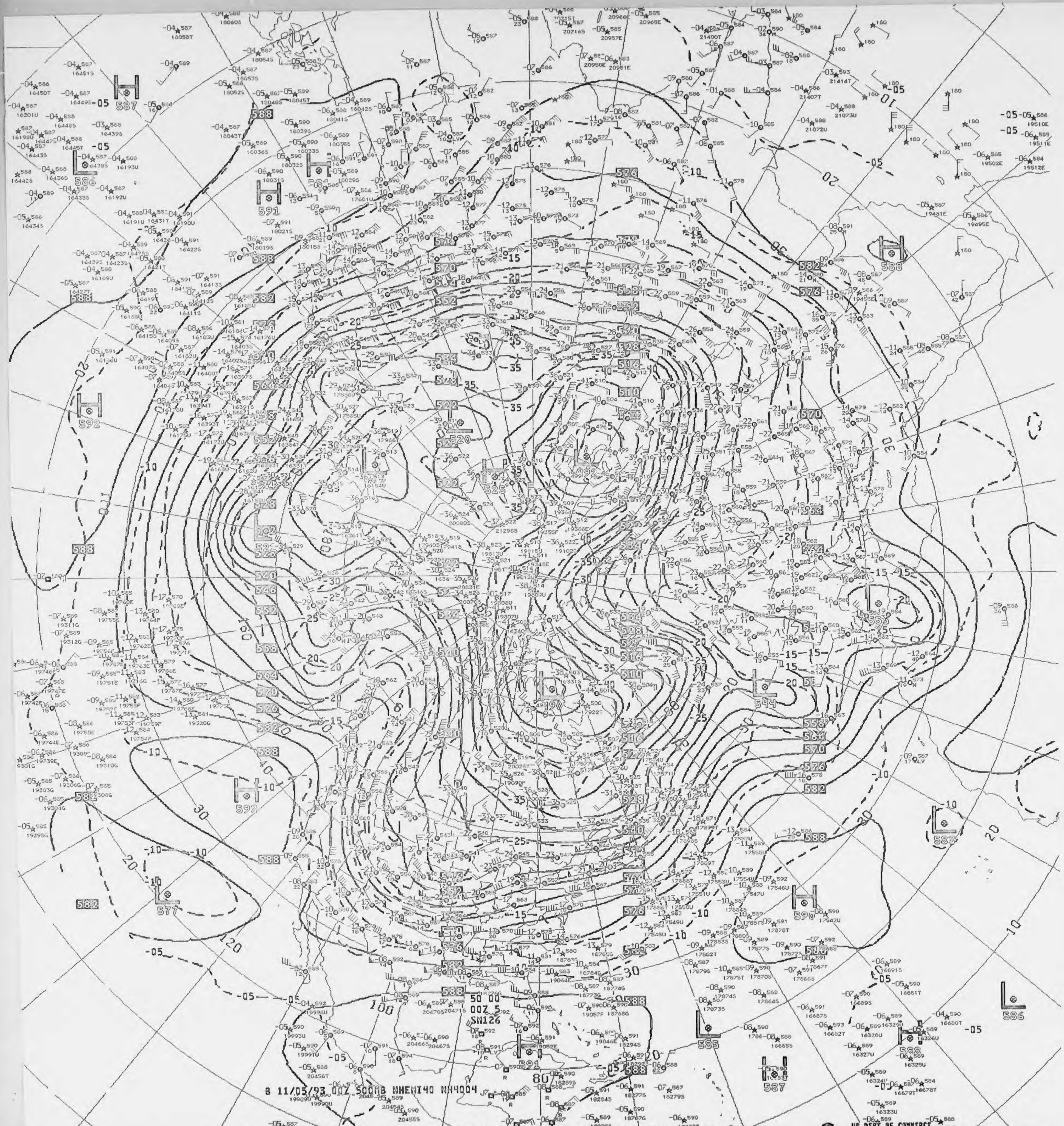
500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 4 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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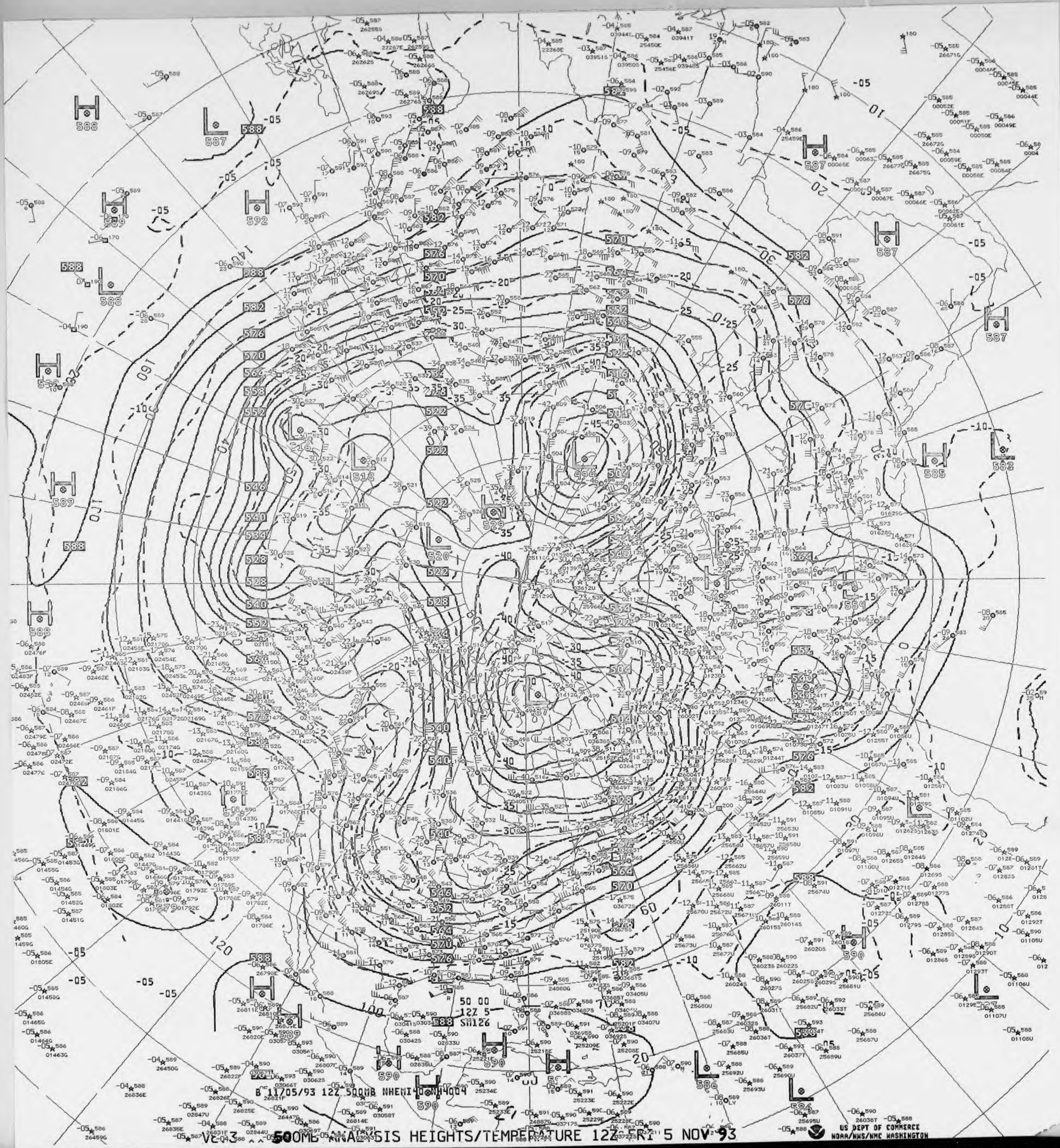
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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L 587
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L 494
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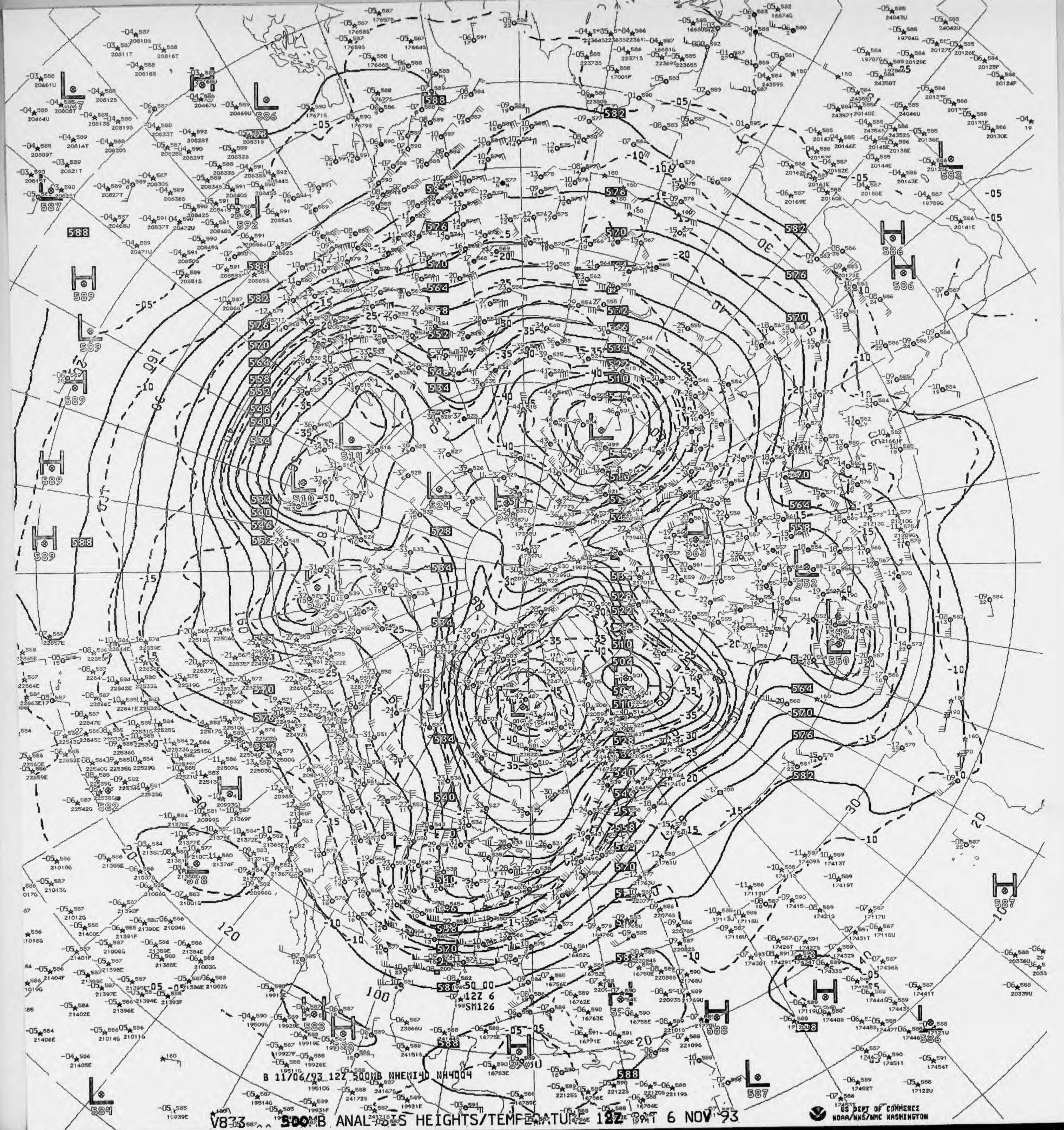
H 585
L 582
H 590
L 586
H 589
H 588

VC-043 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 5 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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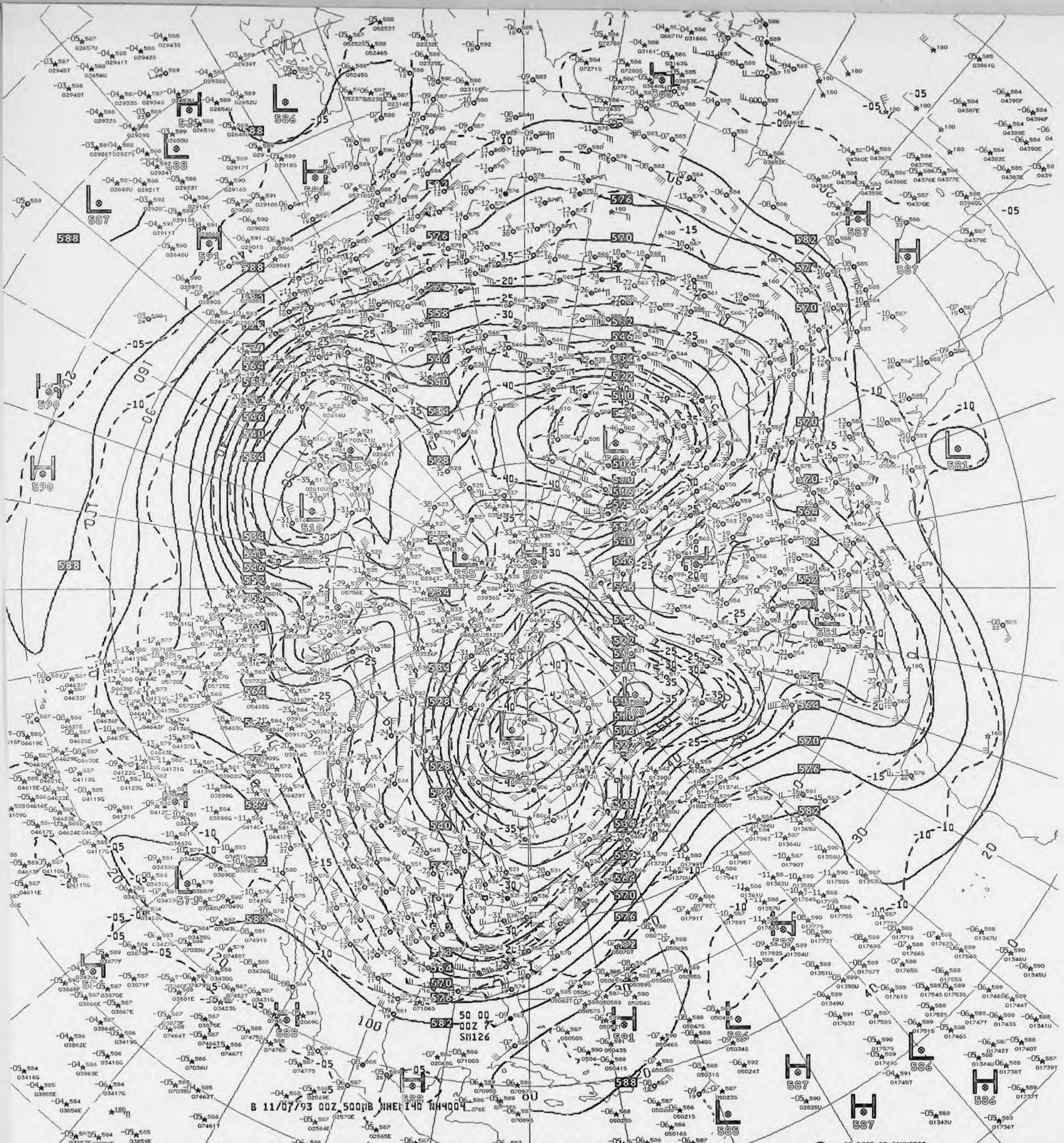
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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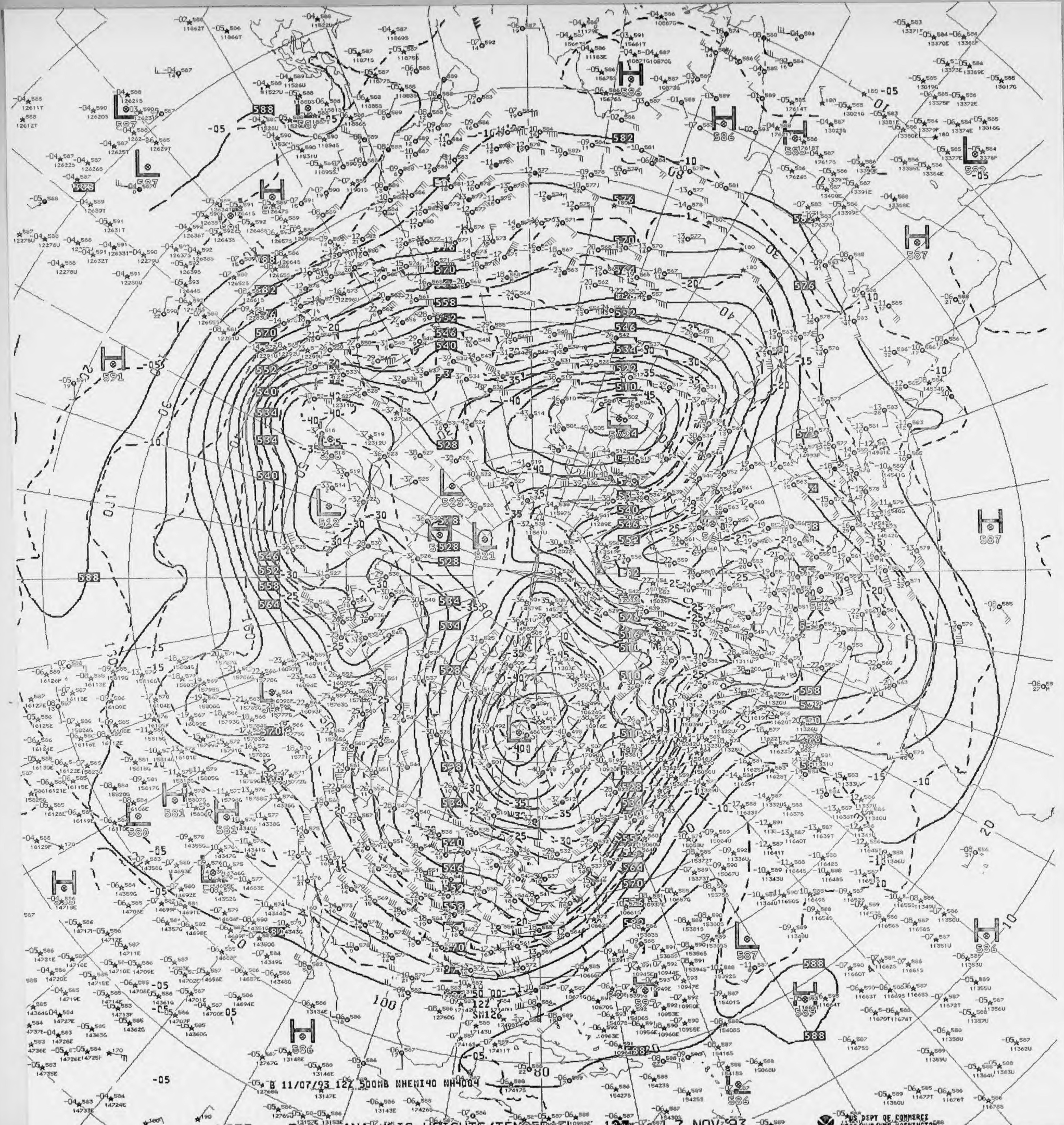
V823 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 7 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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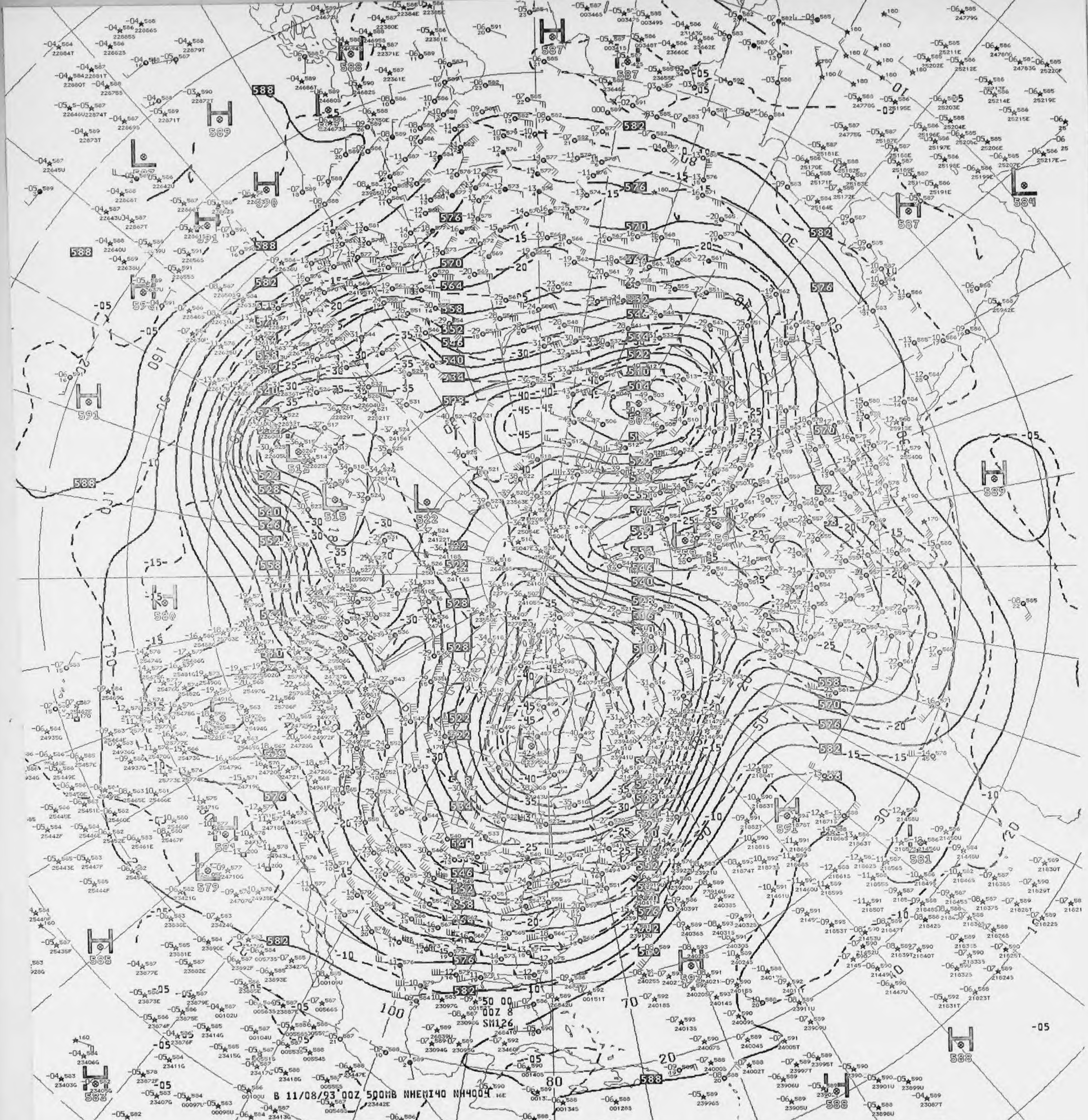
V873 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 7 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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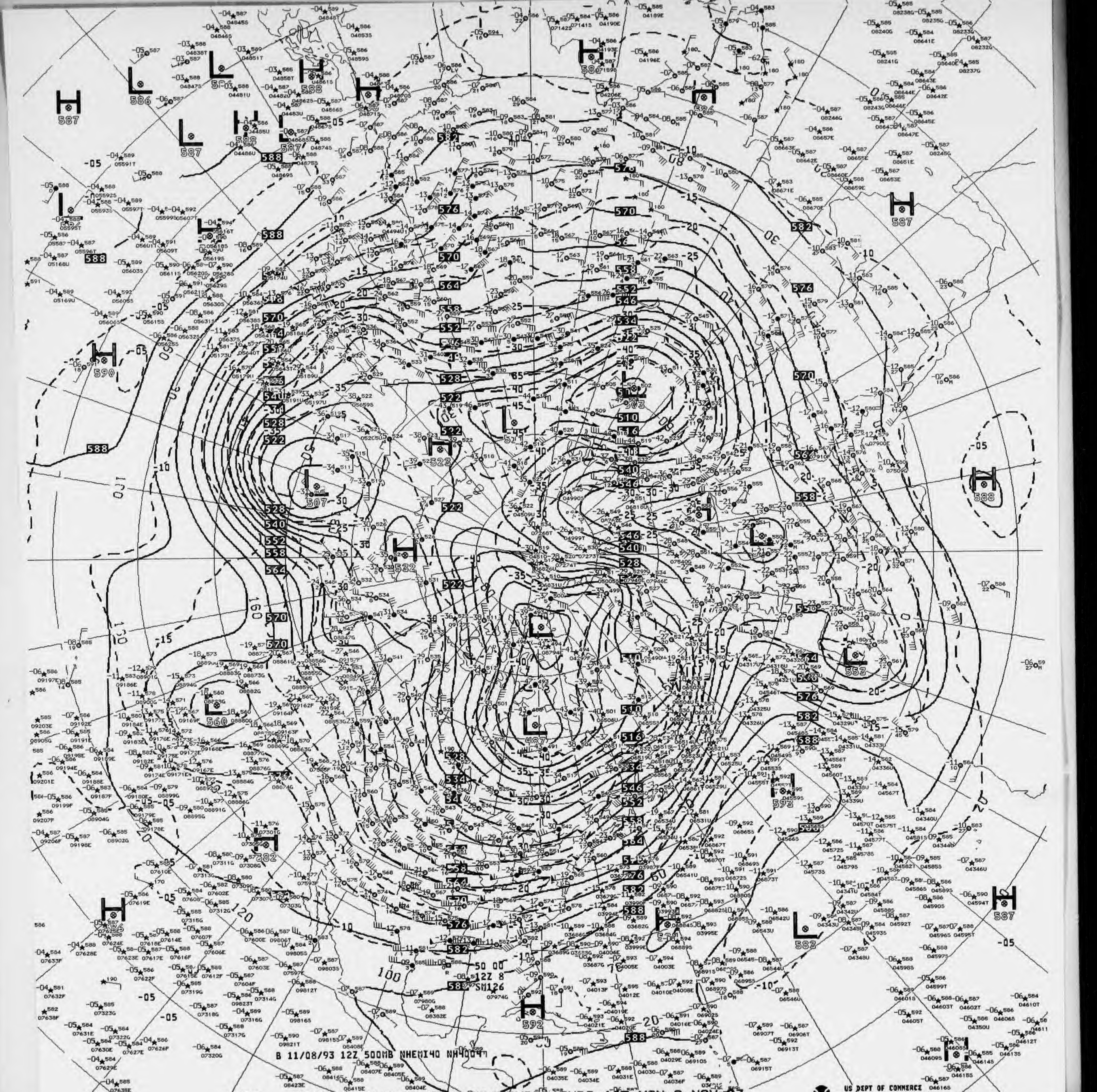
V823 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 8 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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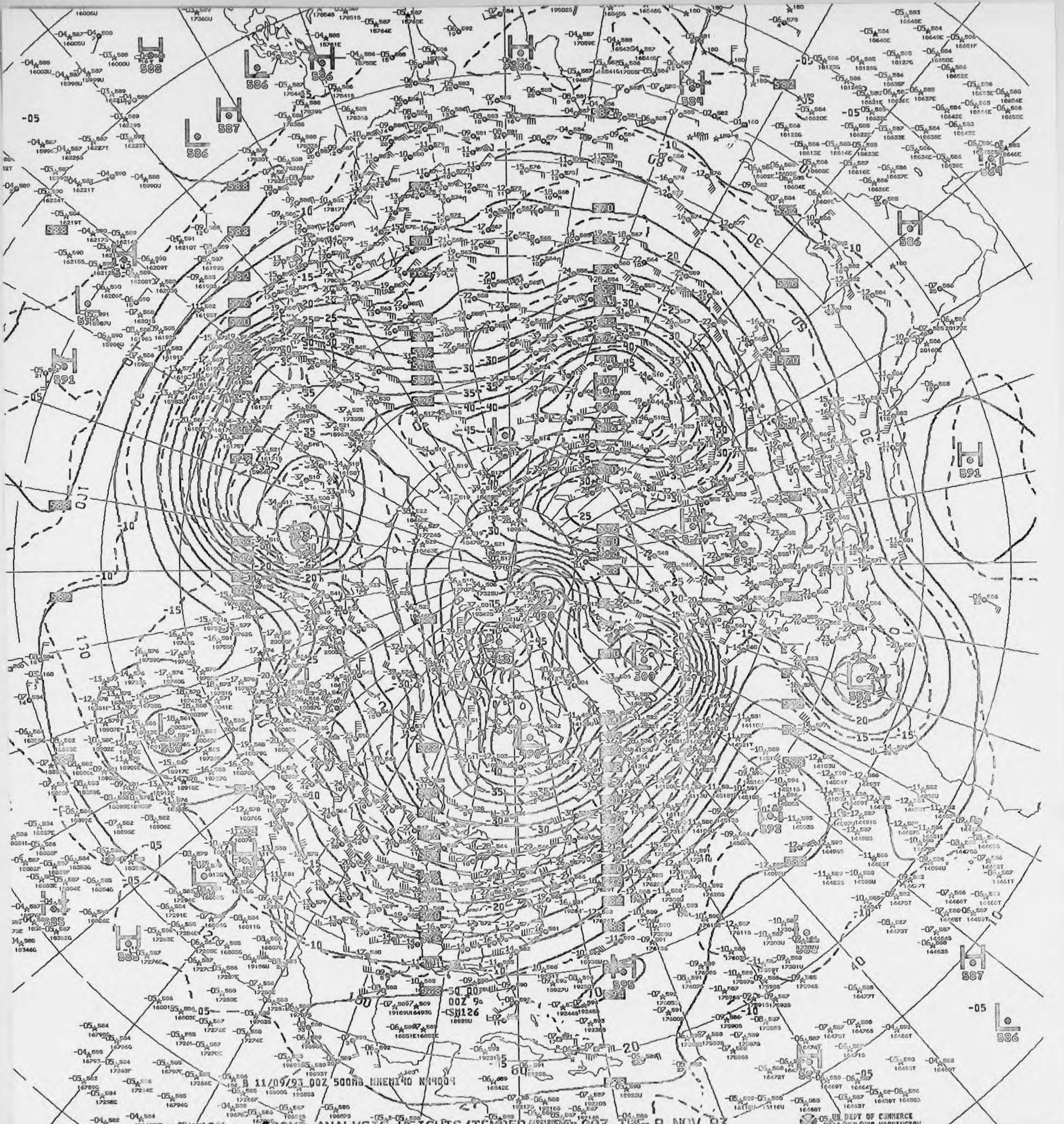
NOAA/NWS/NMC WASHINGTON



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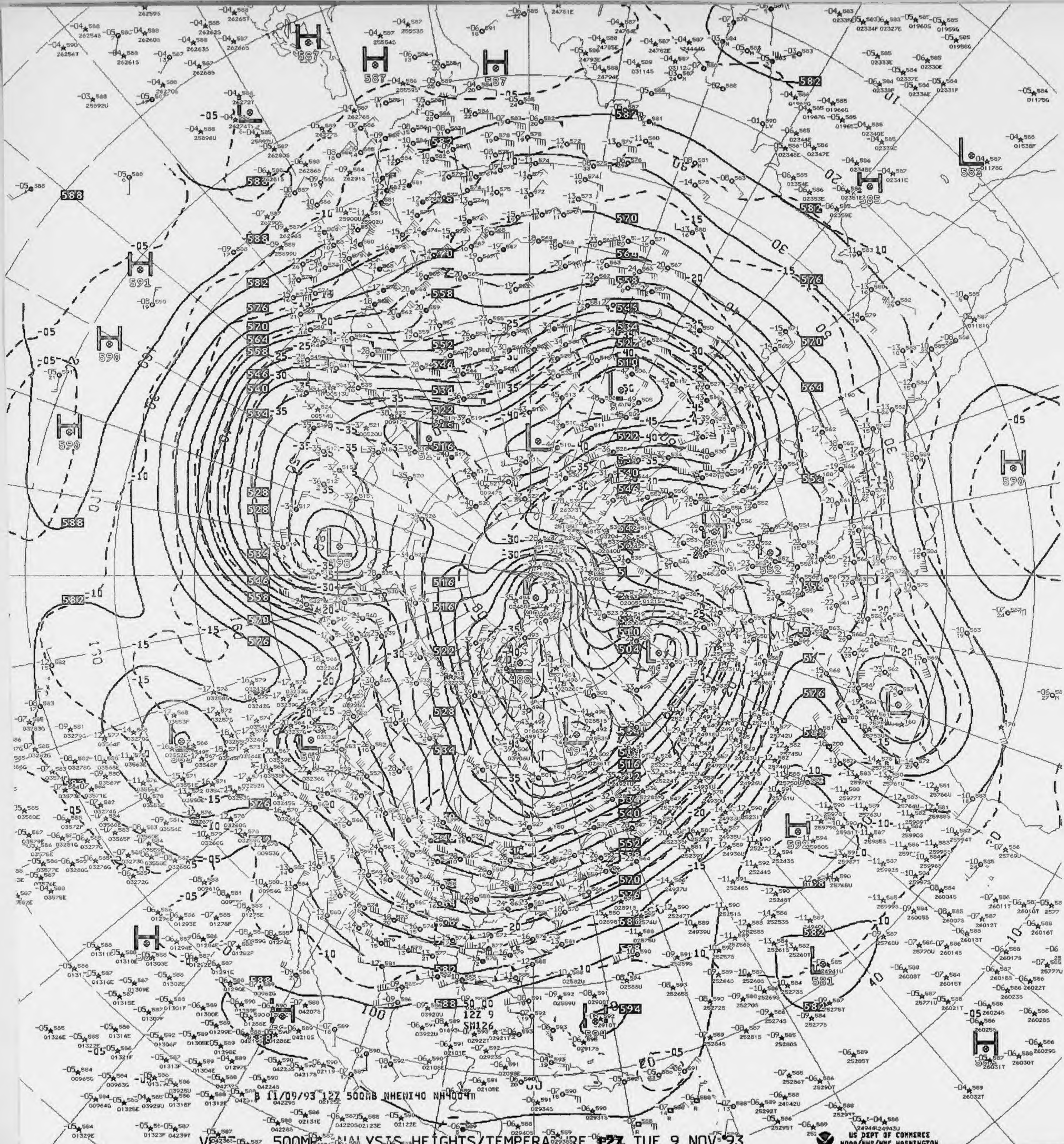
V823 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 9 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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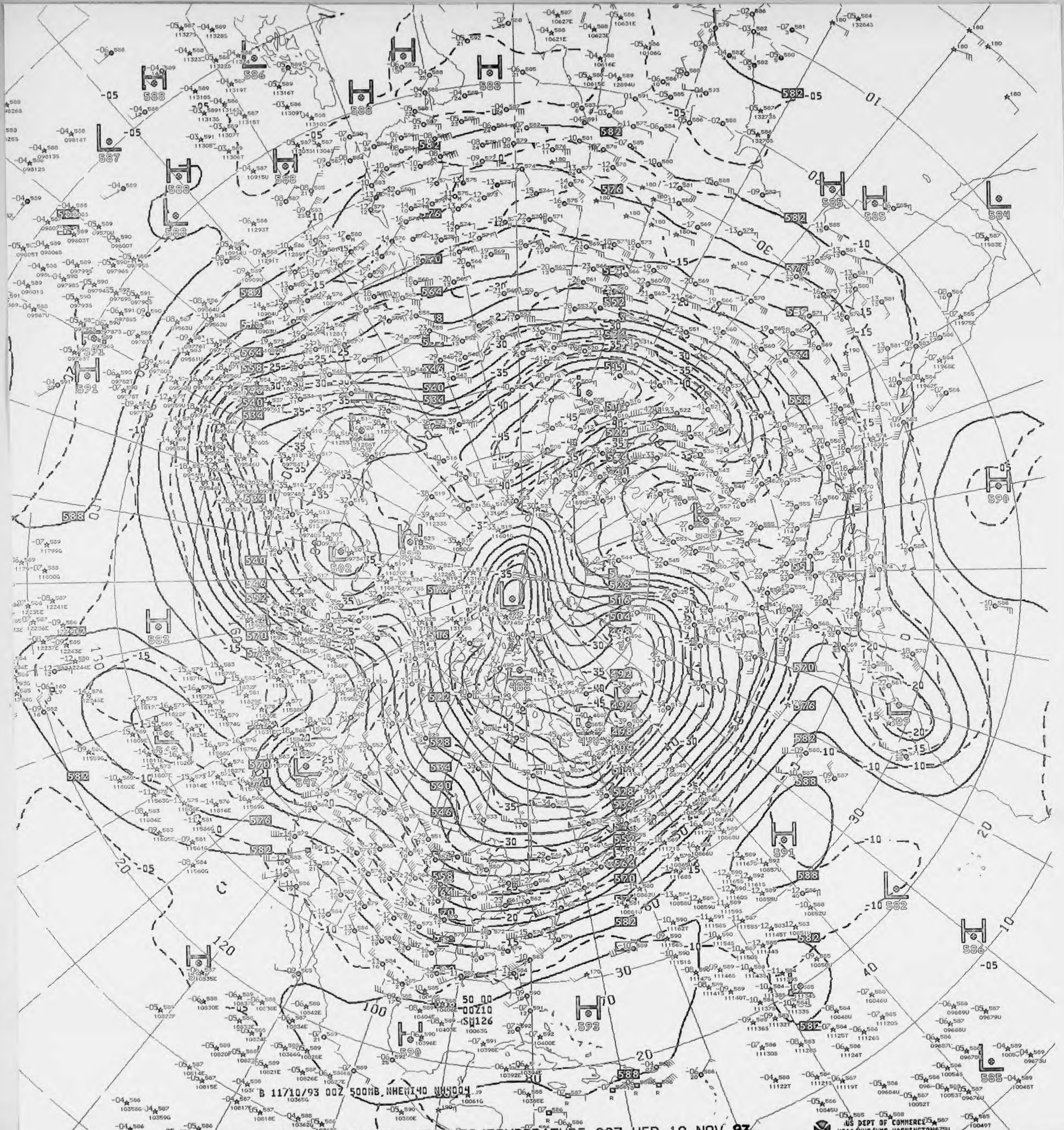
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V8T5 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 9 NOV 93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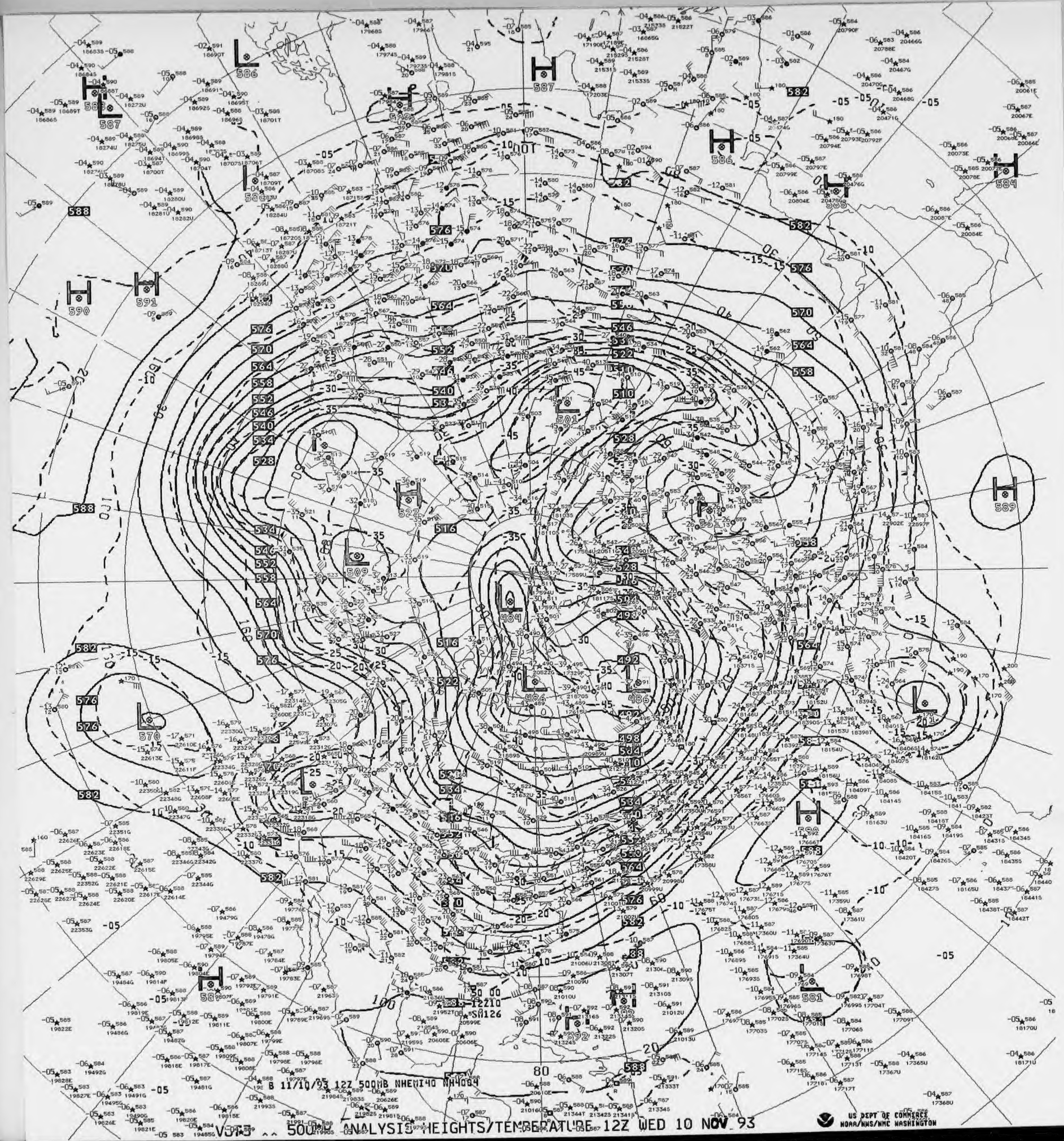
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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L 486
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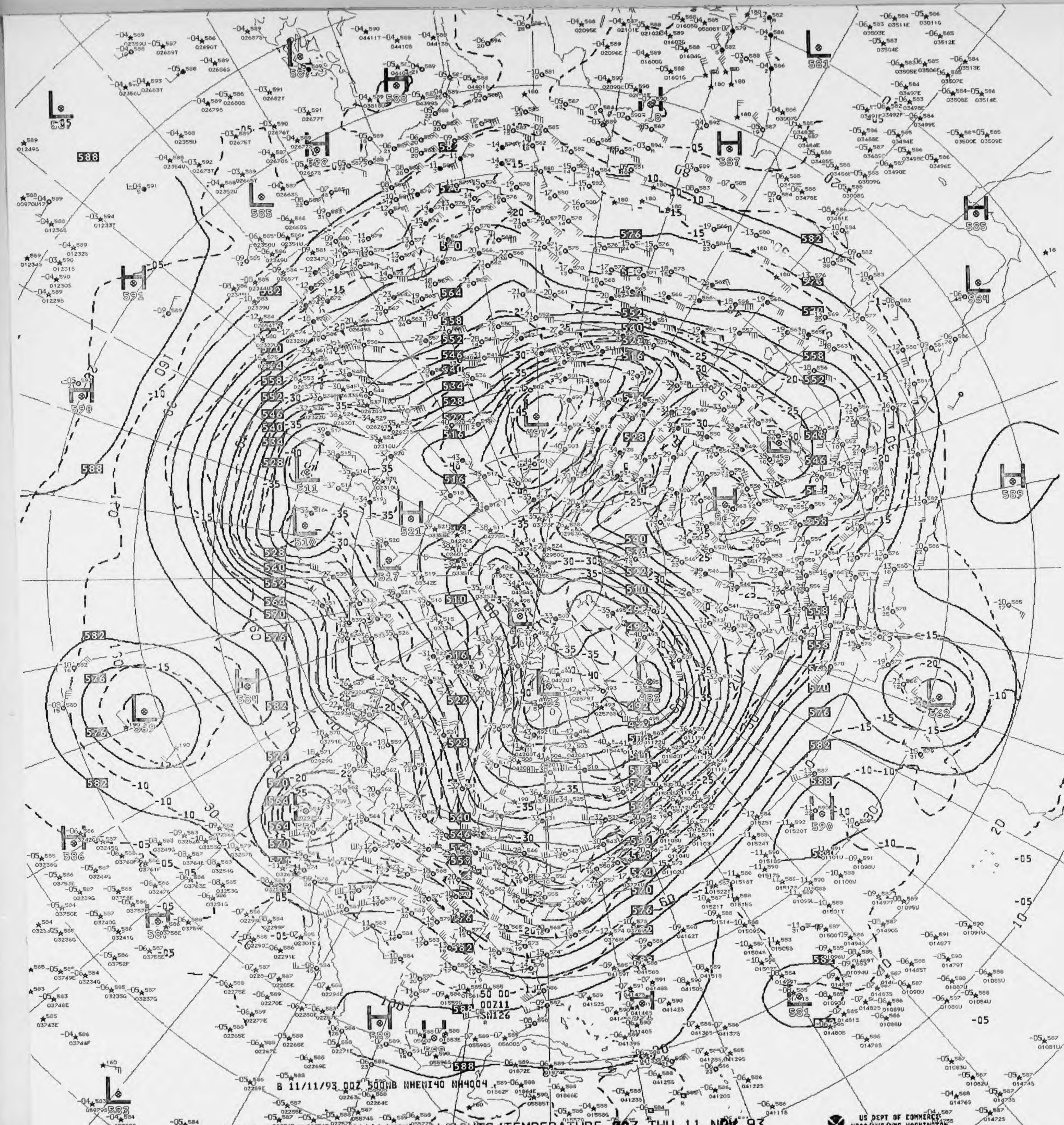
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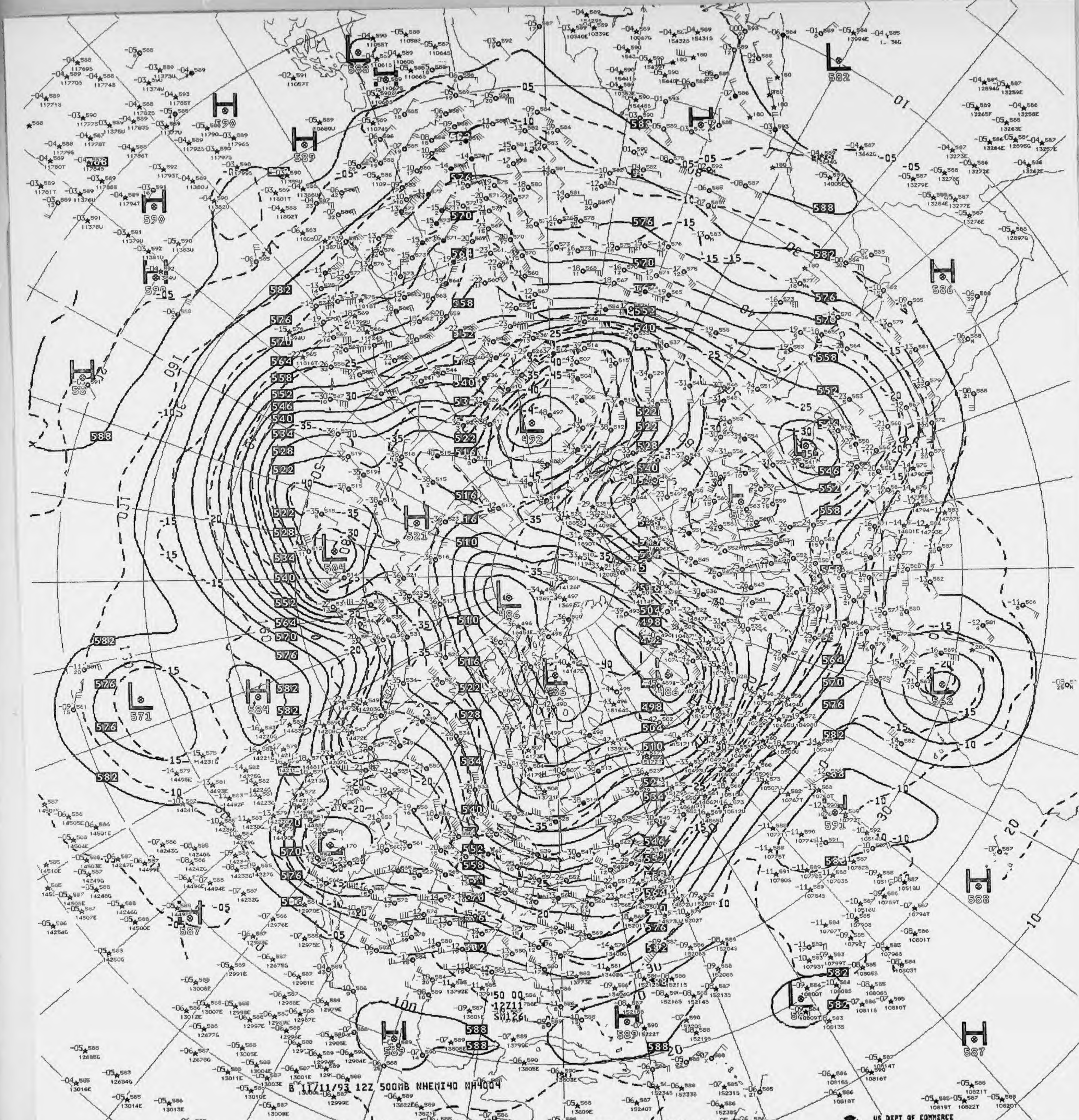
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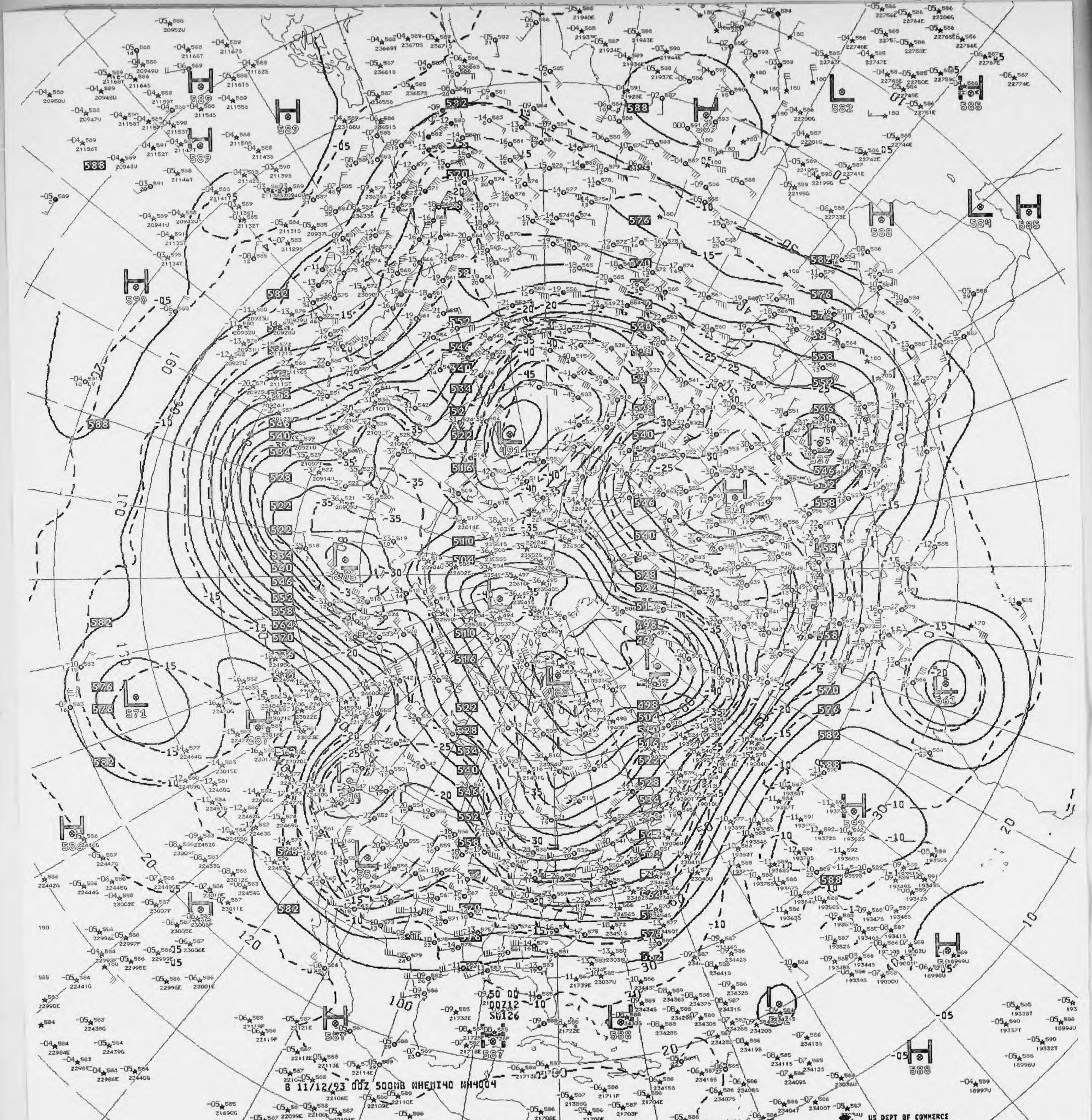
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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US DEPT OF COMMERCE
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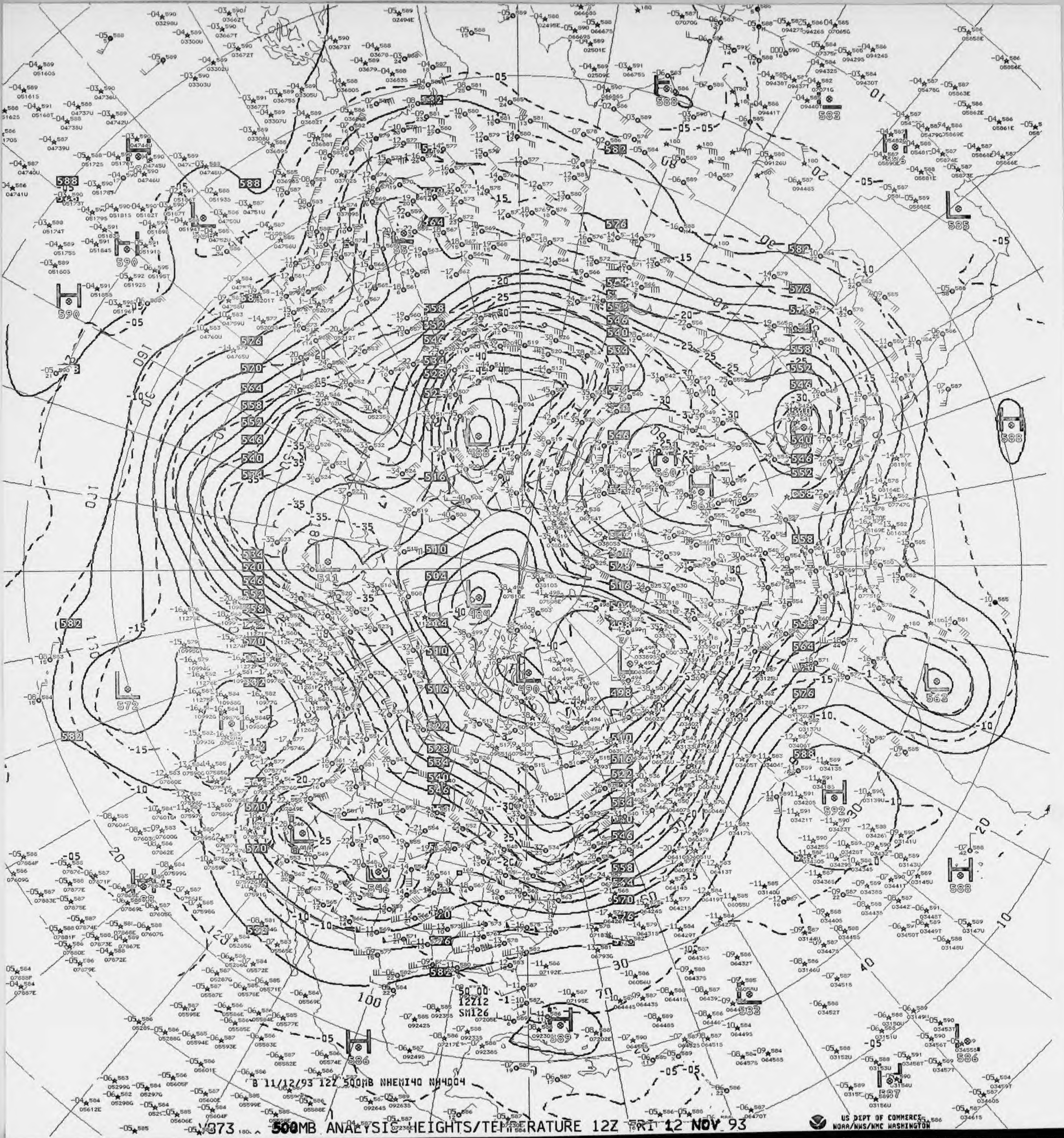
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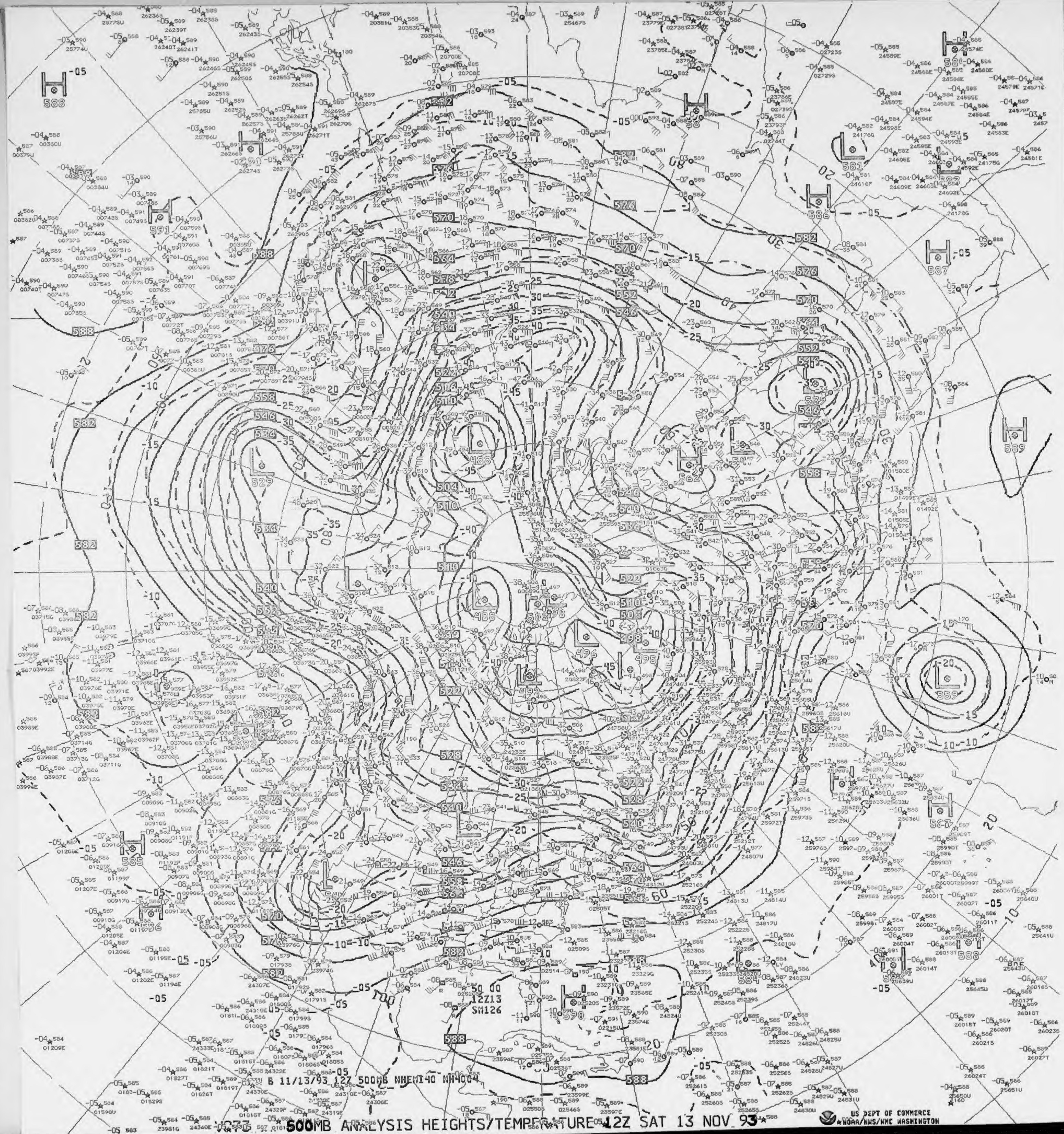
V873 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 12 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 13 NOV 93

US DEPT OF COMMERCE
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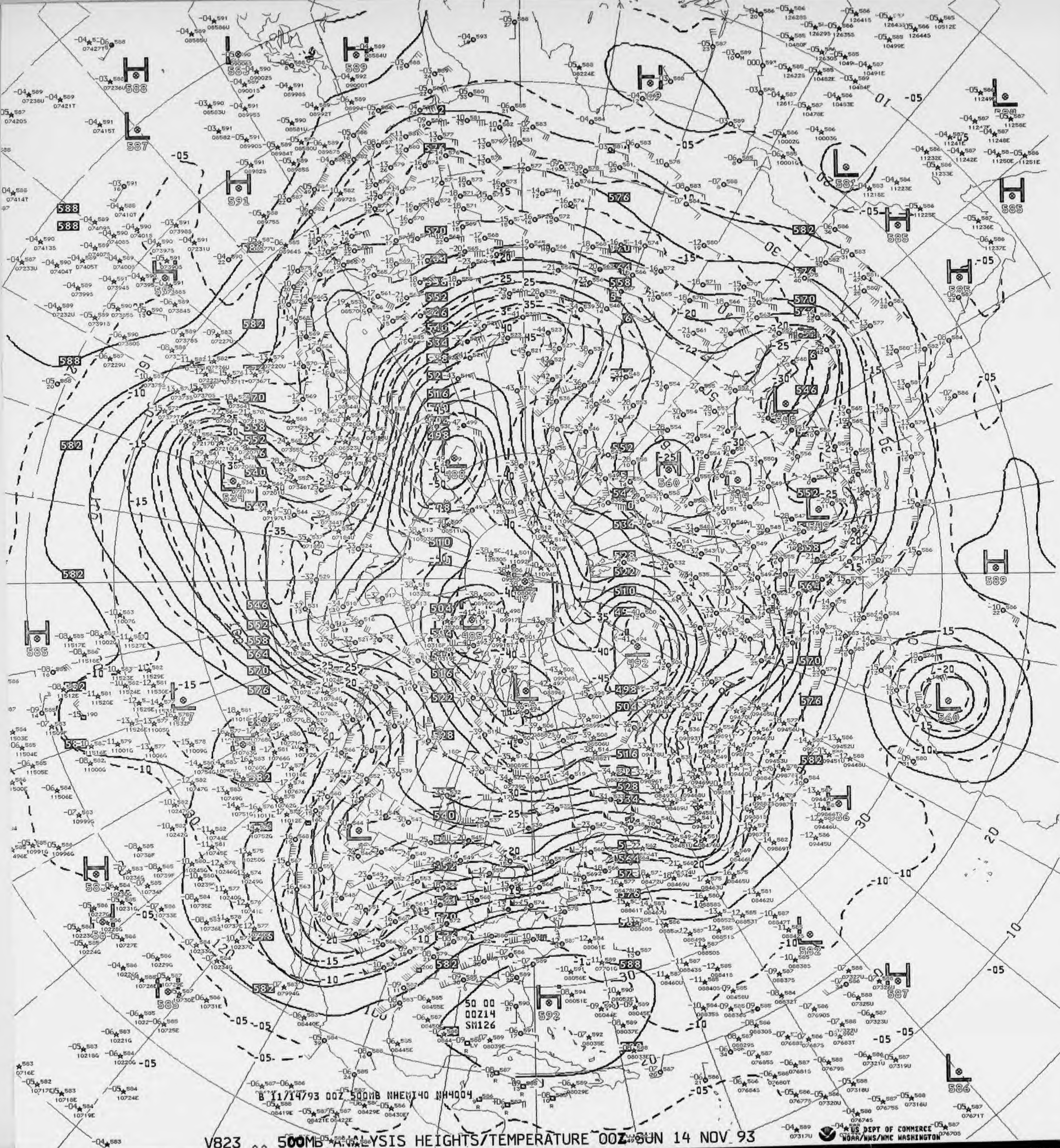
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H 587
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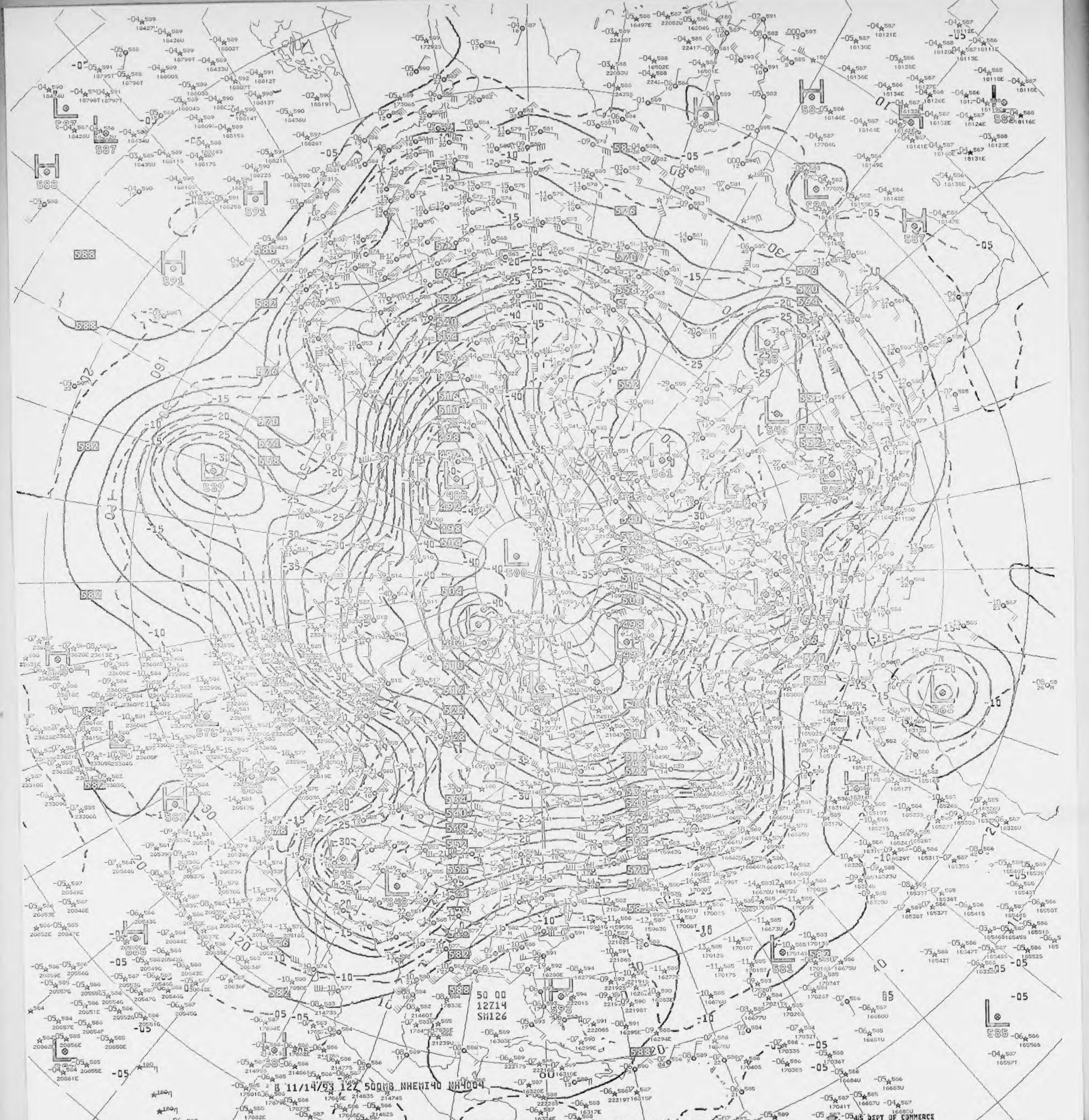
V823 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 14 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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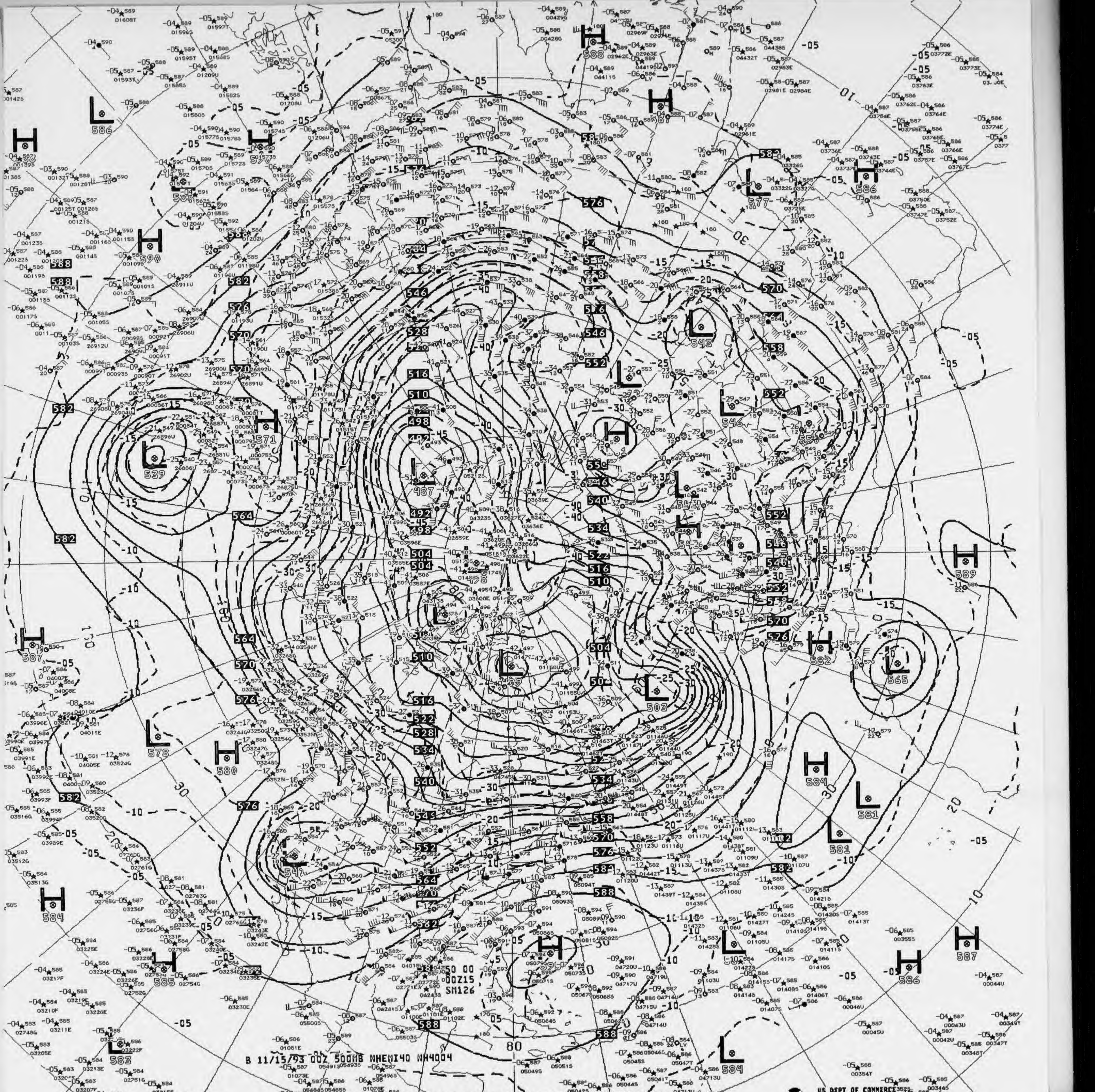
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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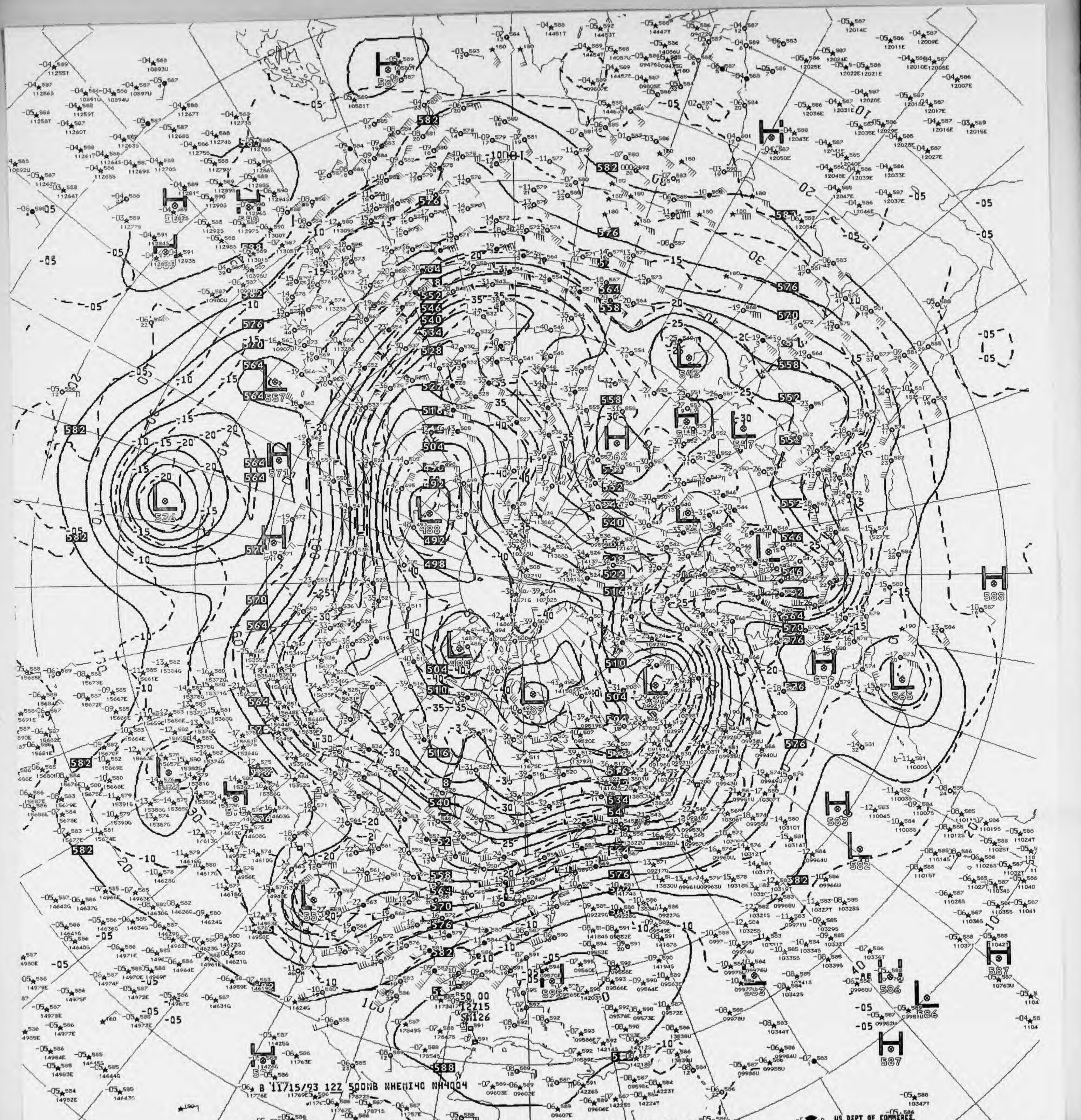
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V823 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 15 NOV 93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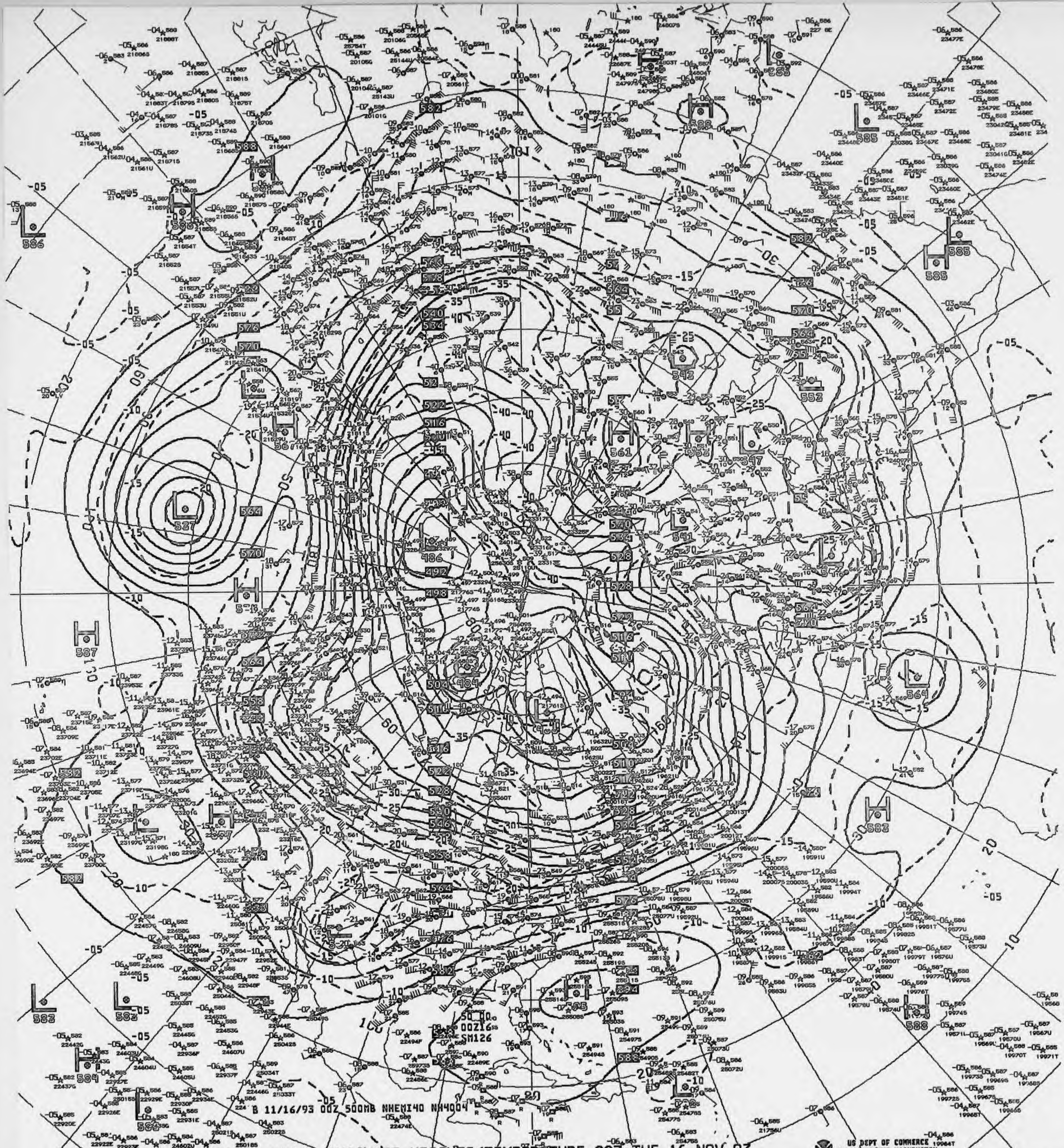
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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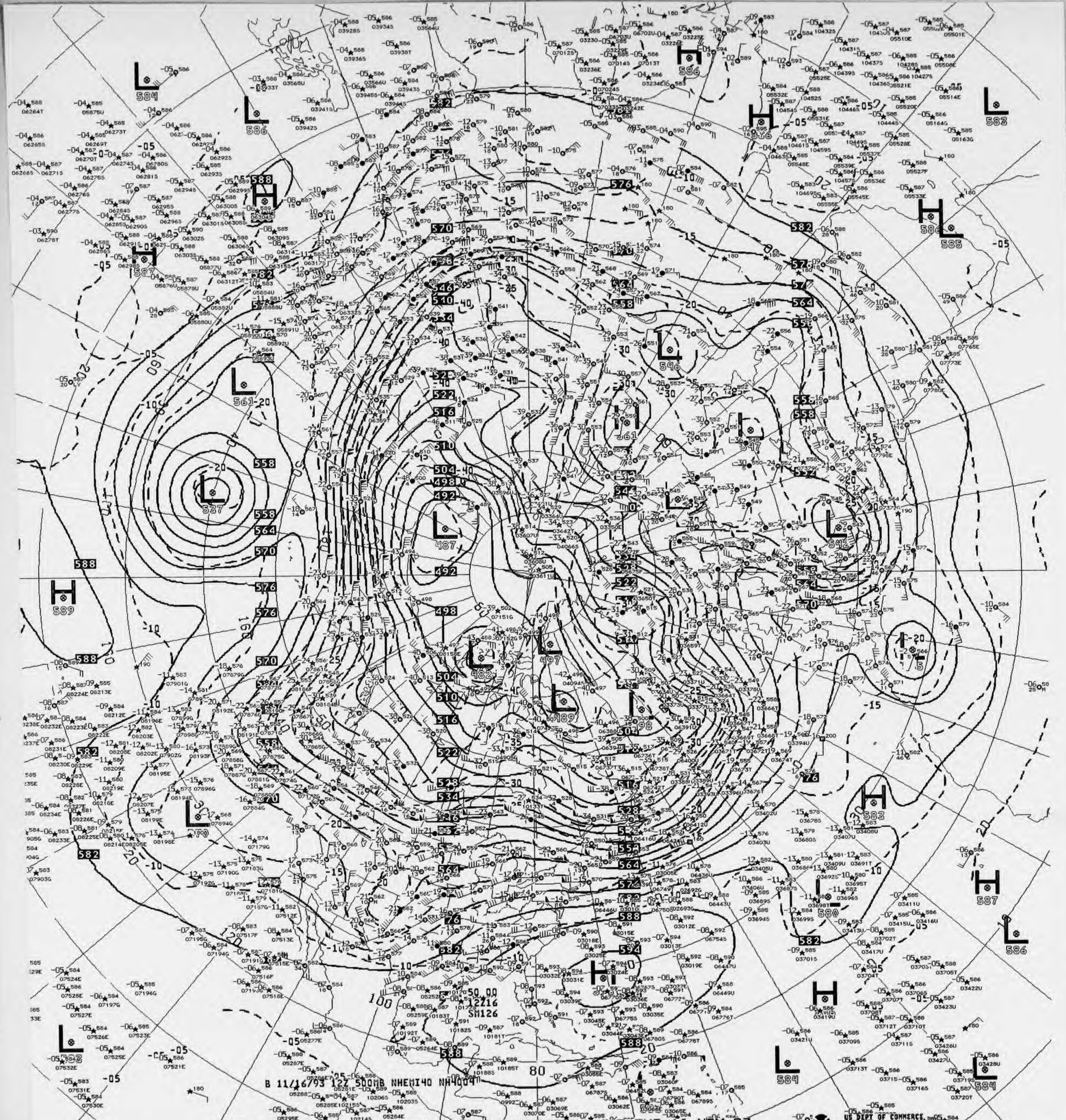
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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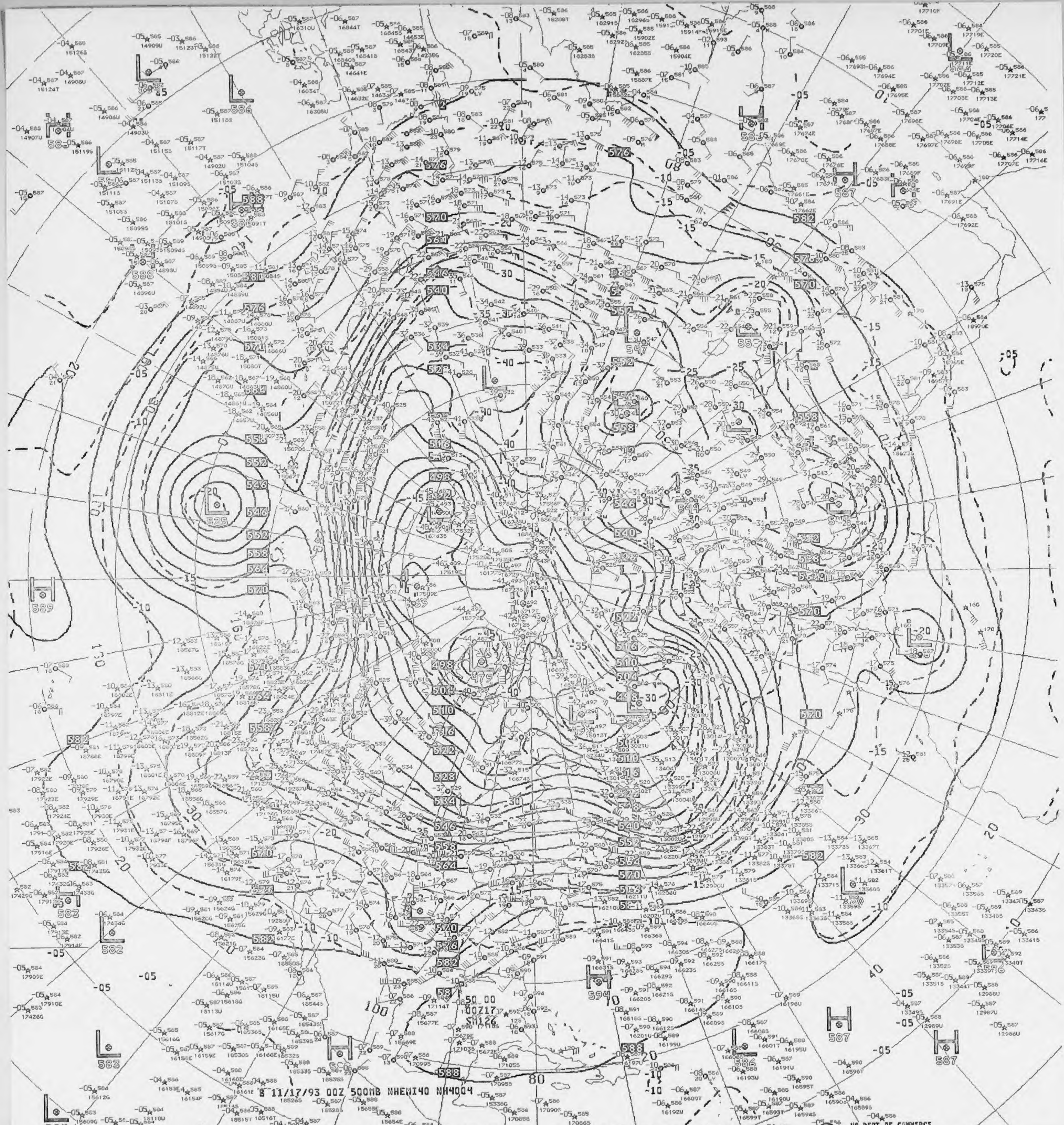
V873 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 16 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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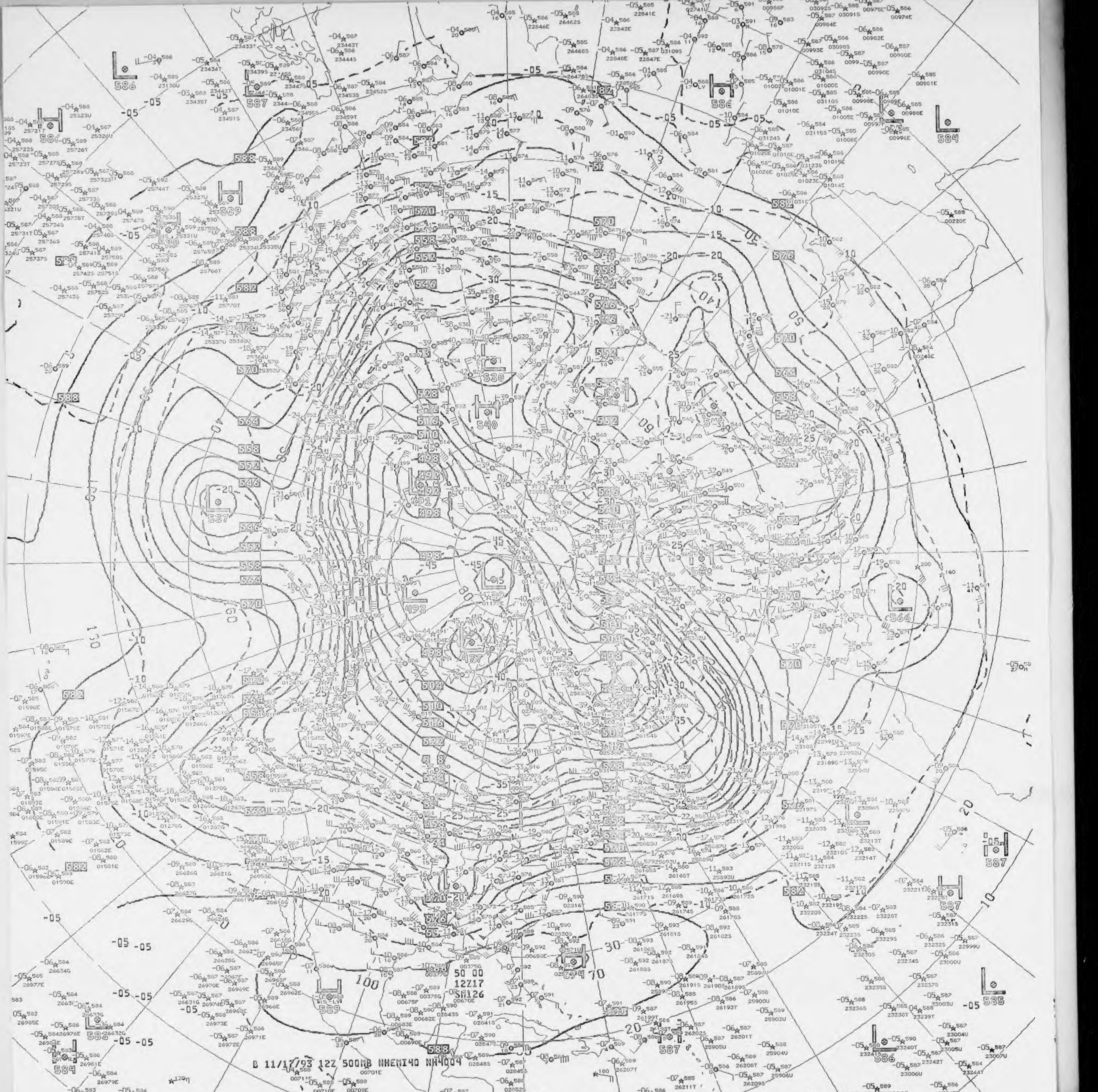
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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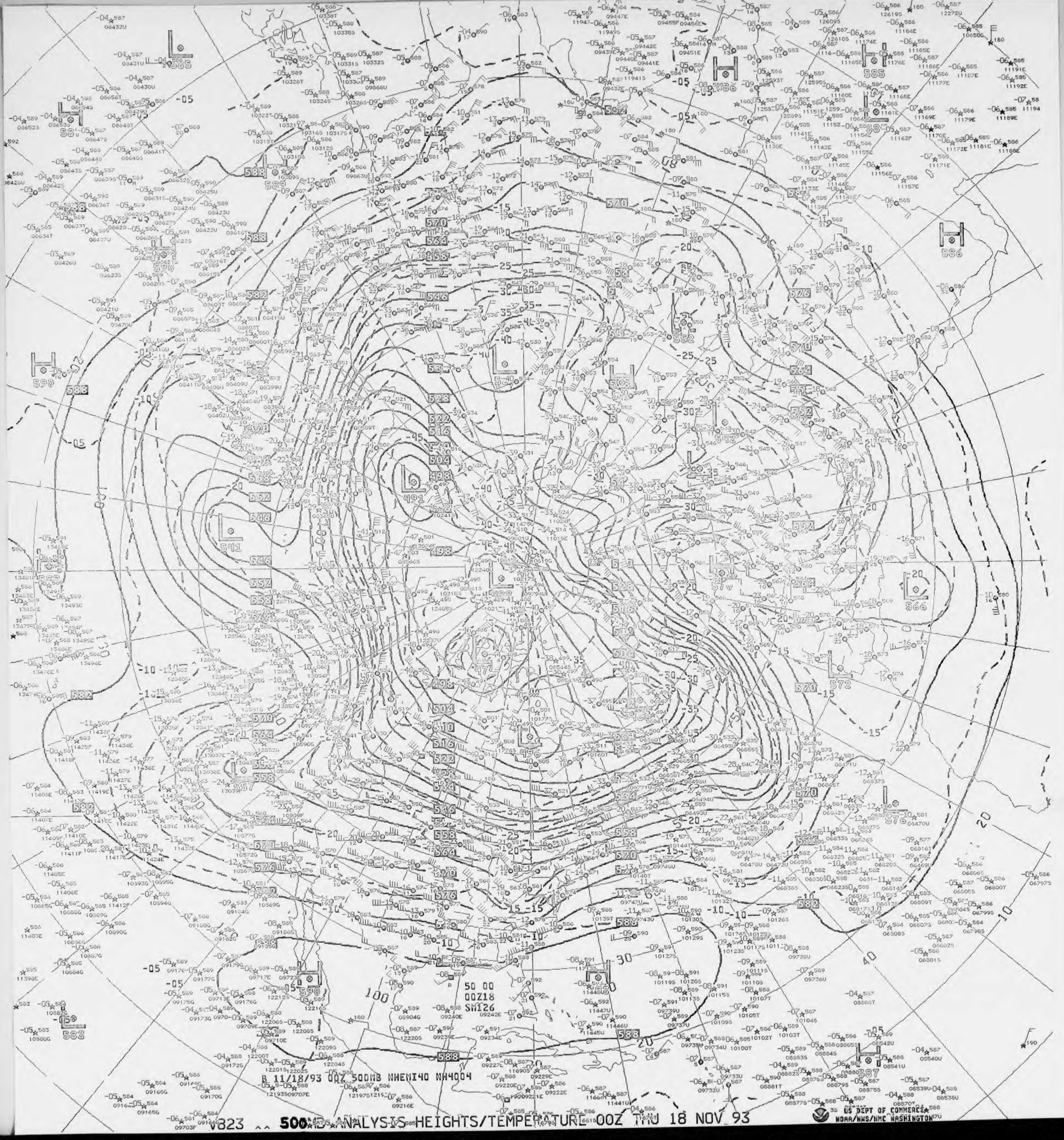
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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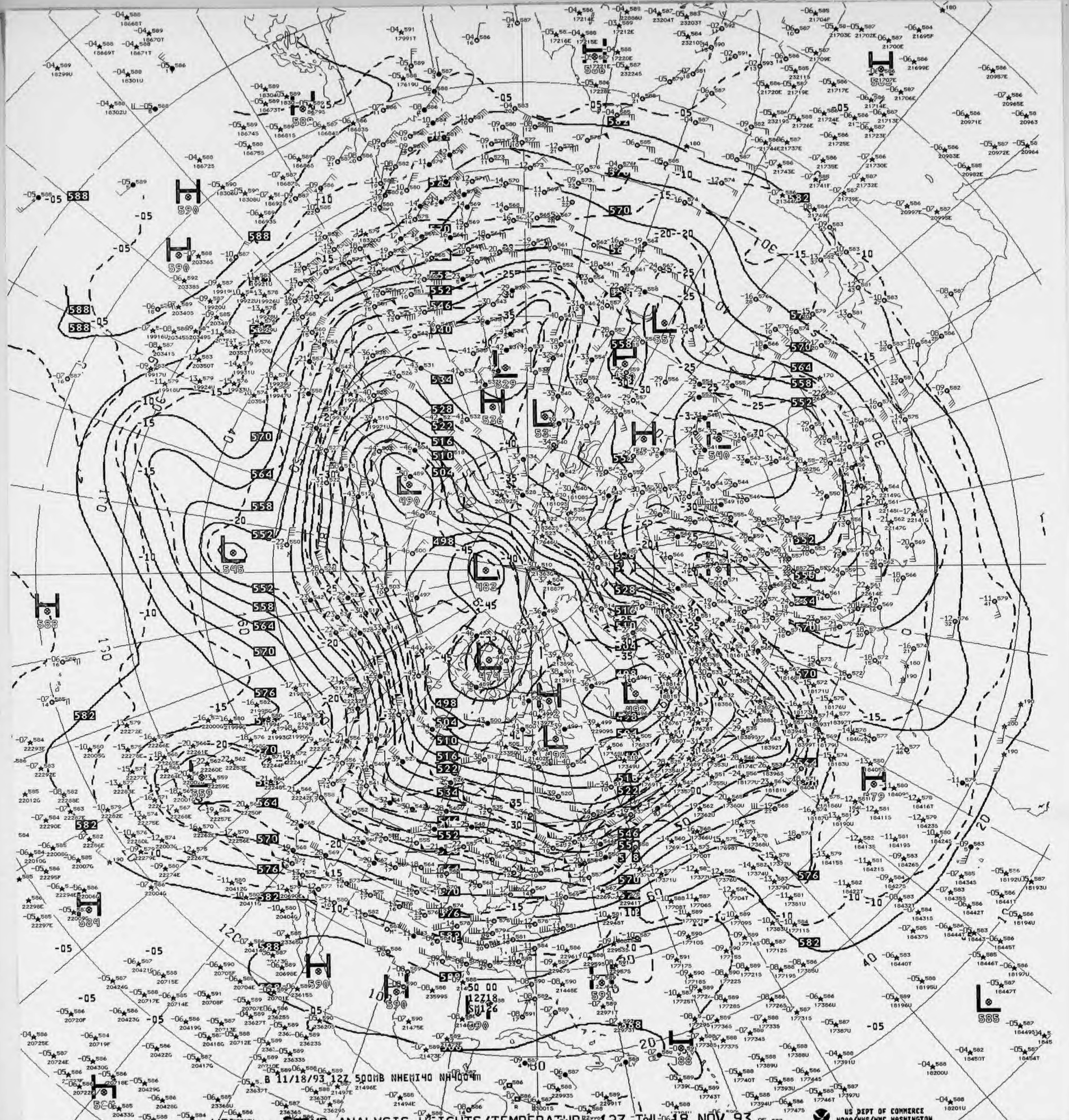
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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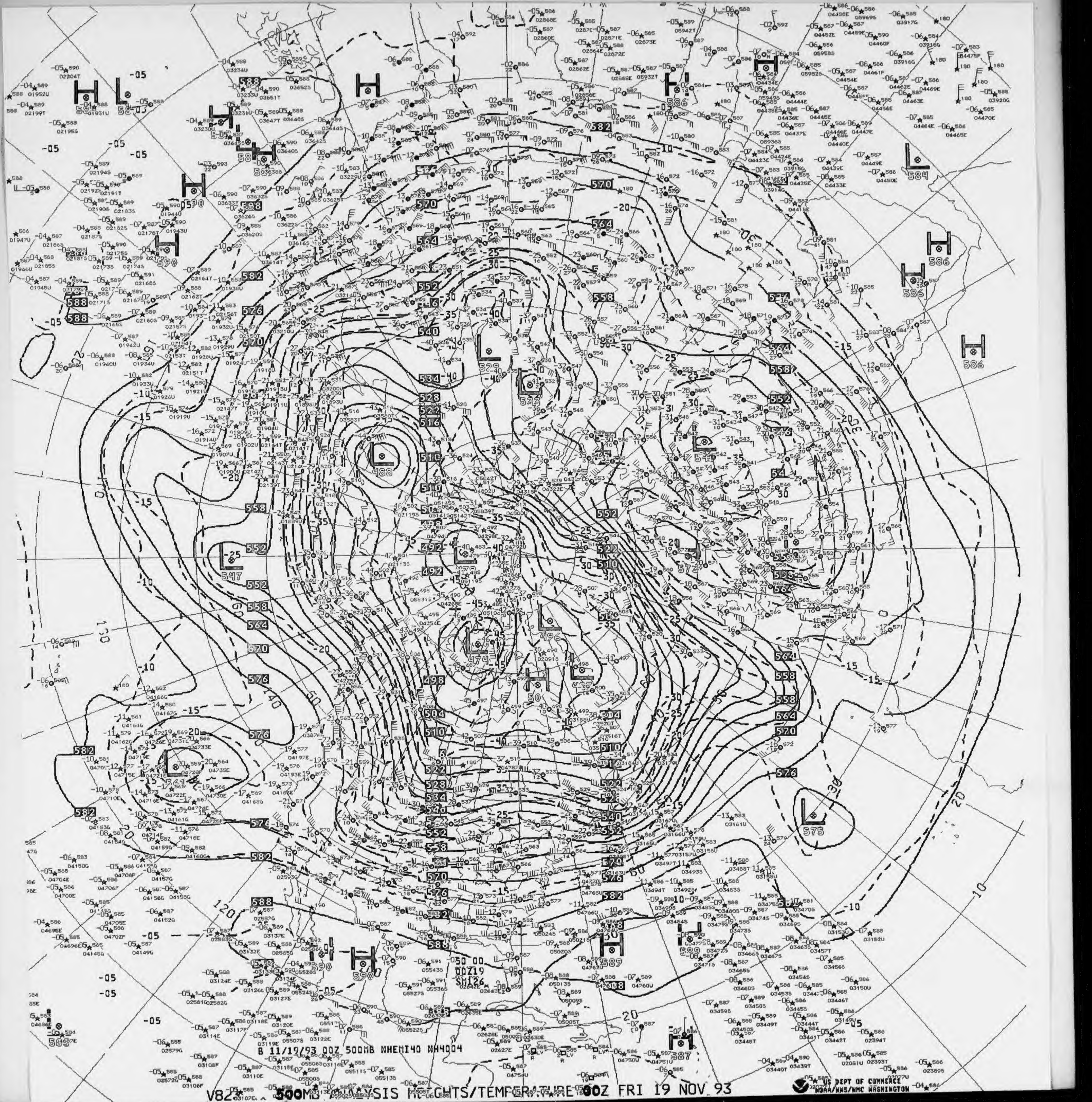
V873 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 18 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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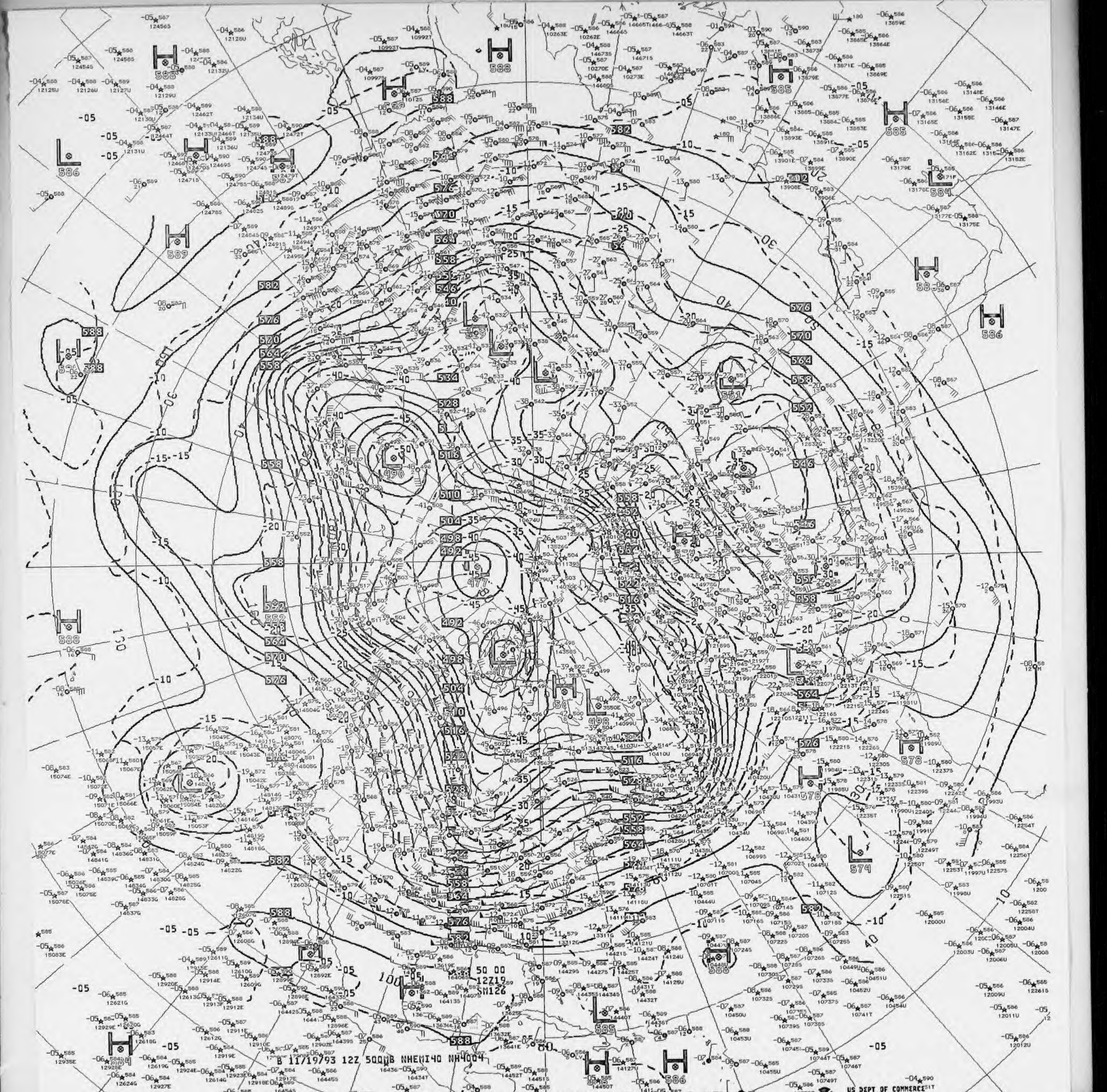
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V82 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 19 NOV 93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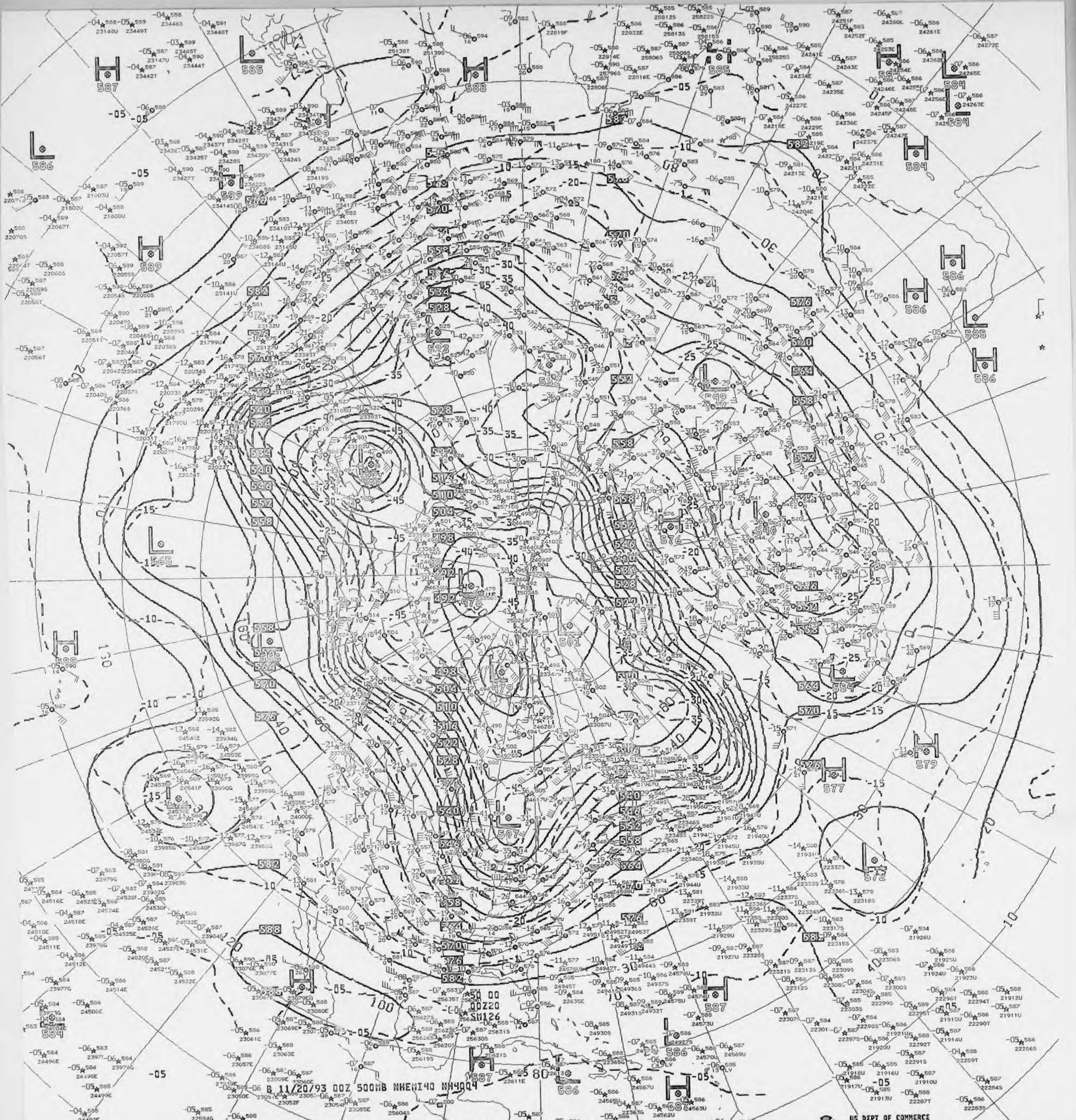
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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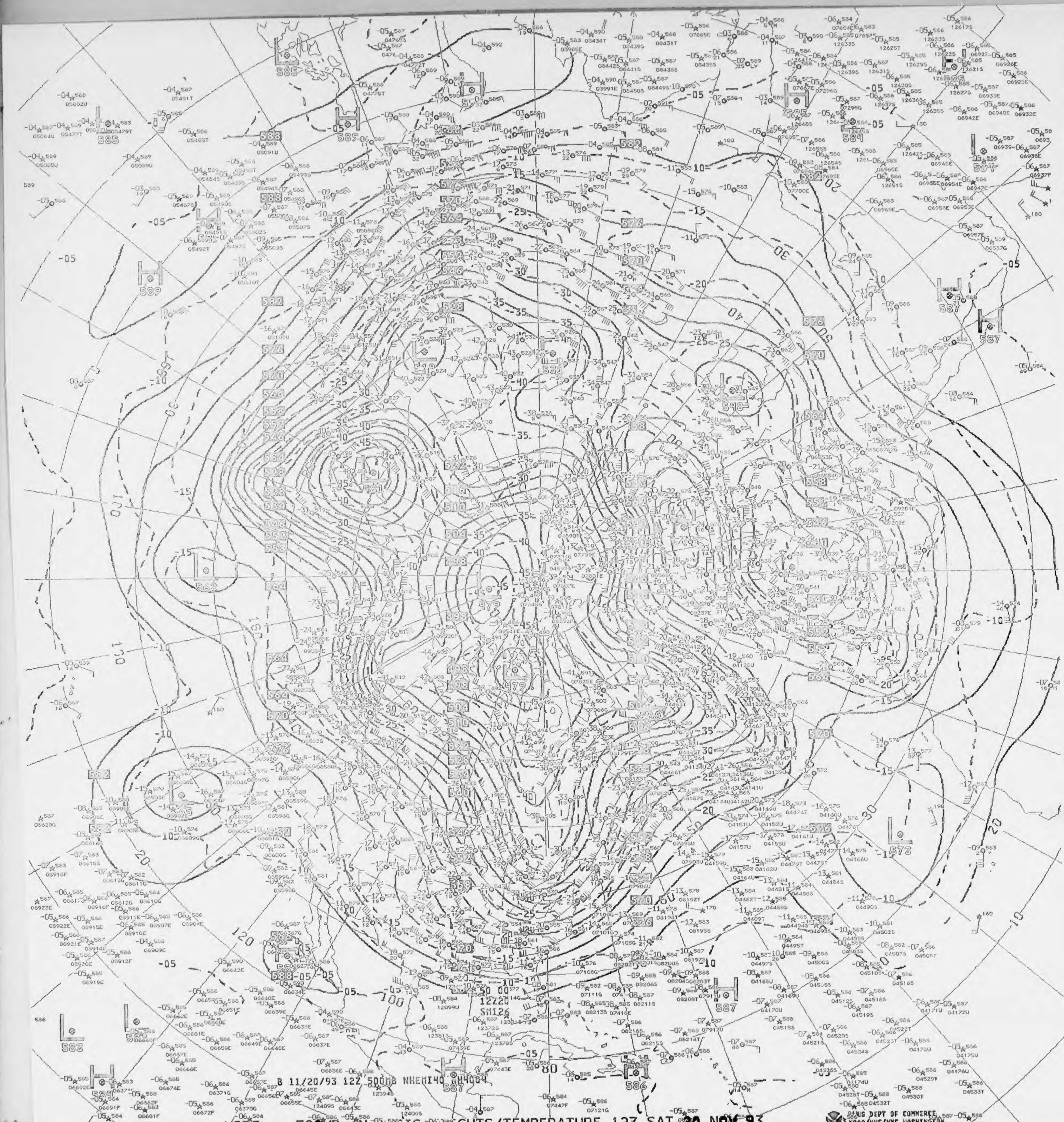
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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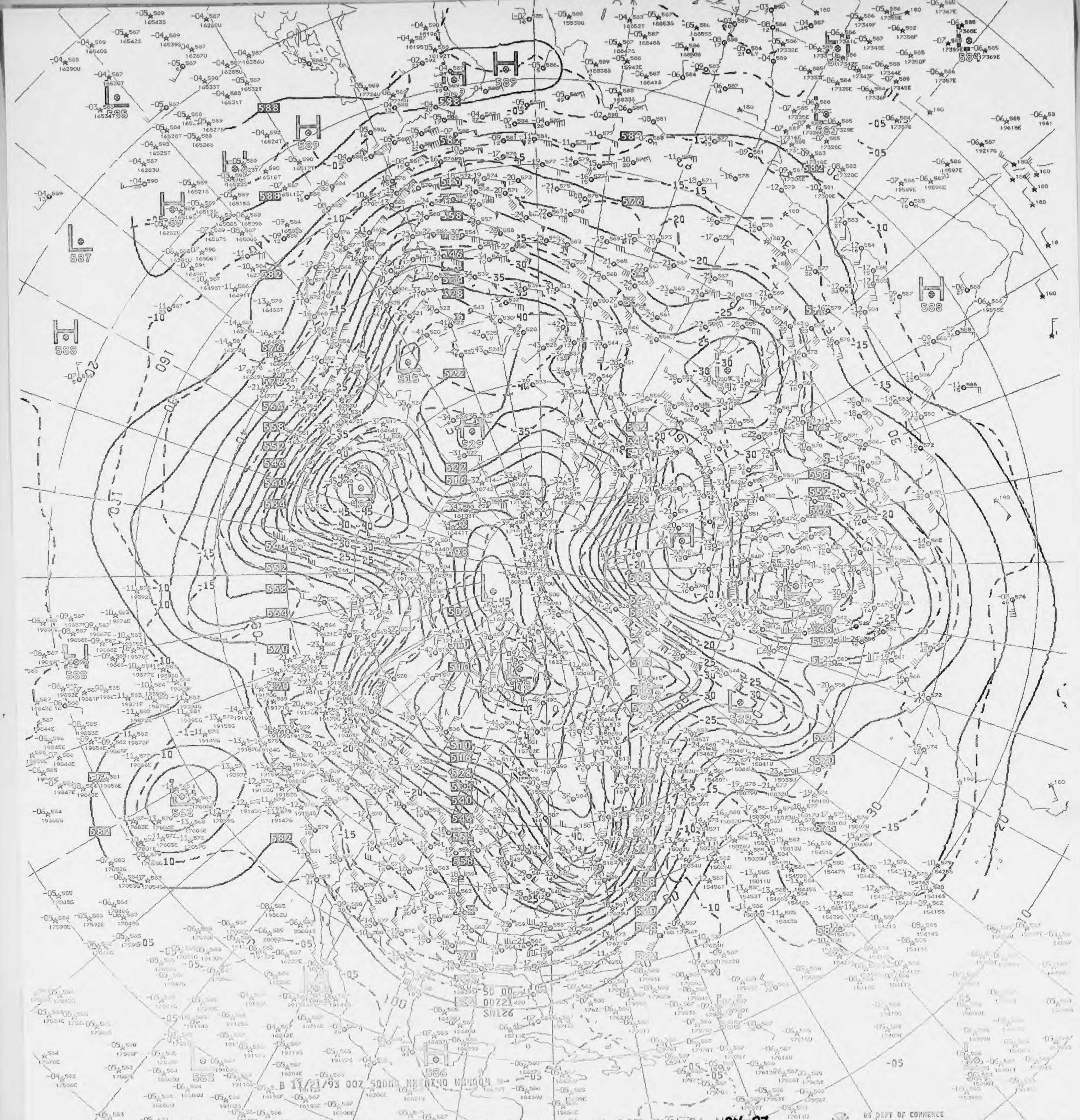
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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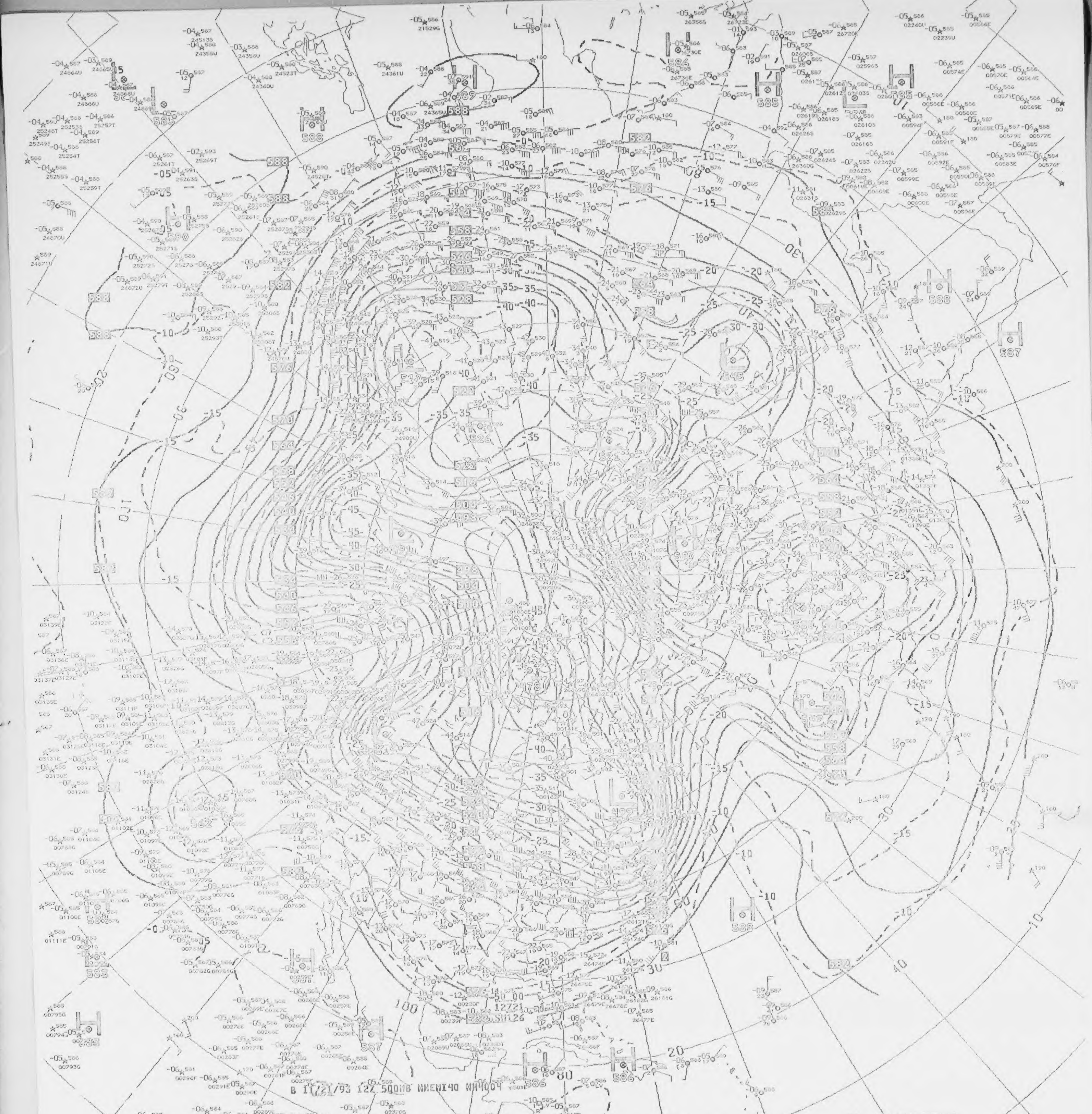
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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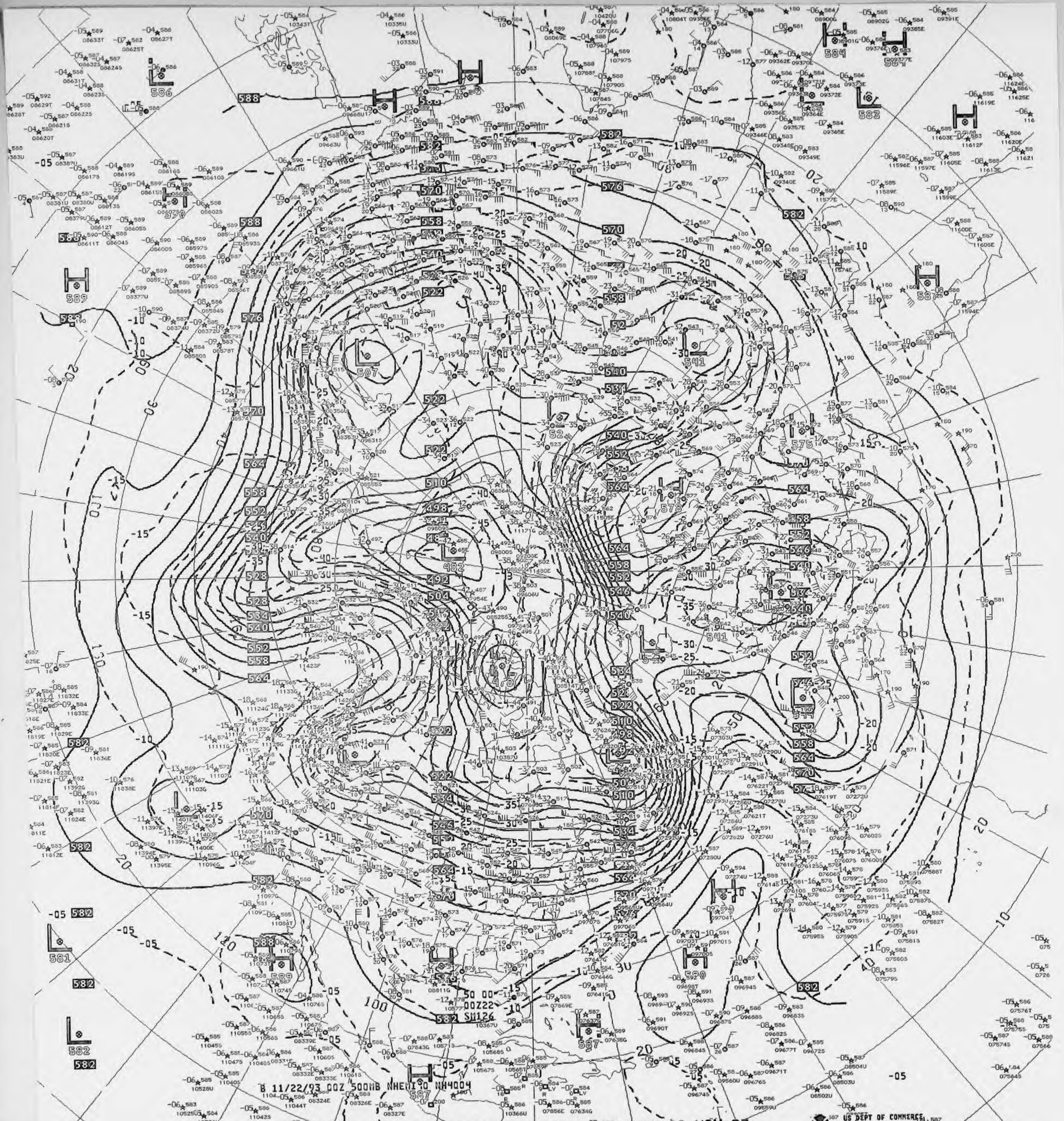
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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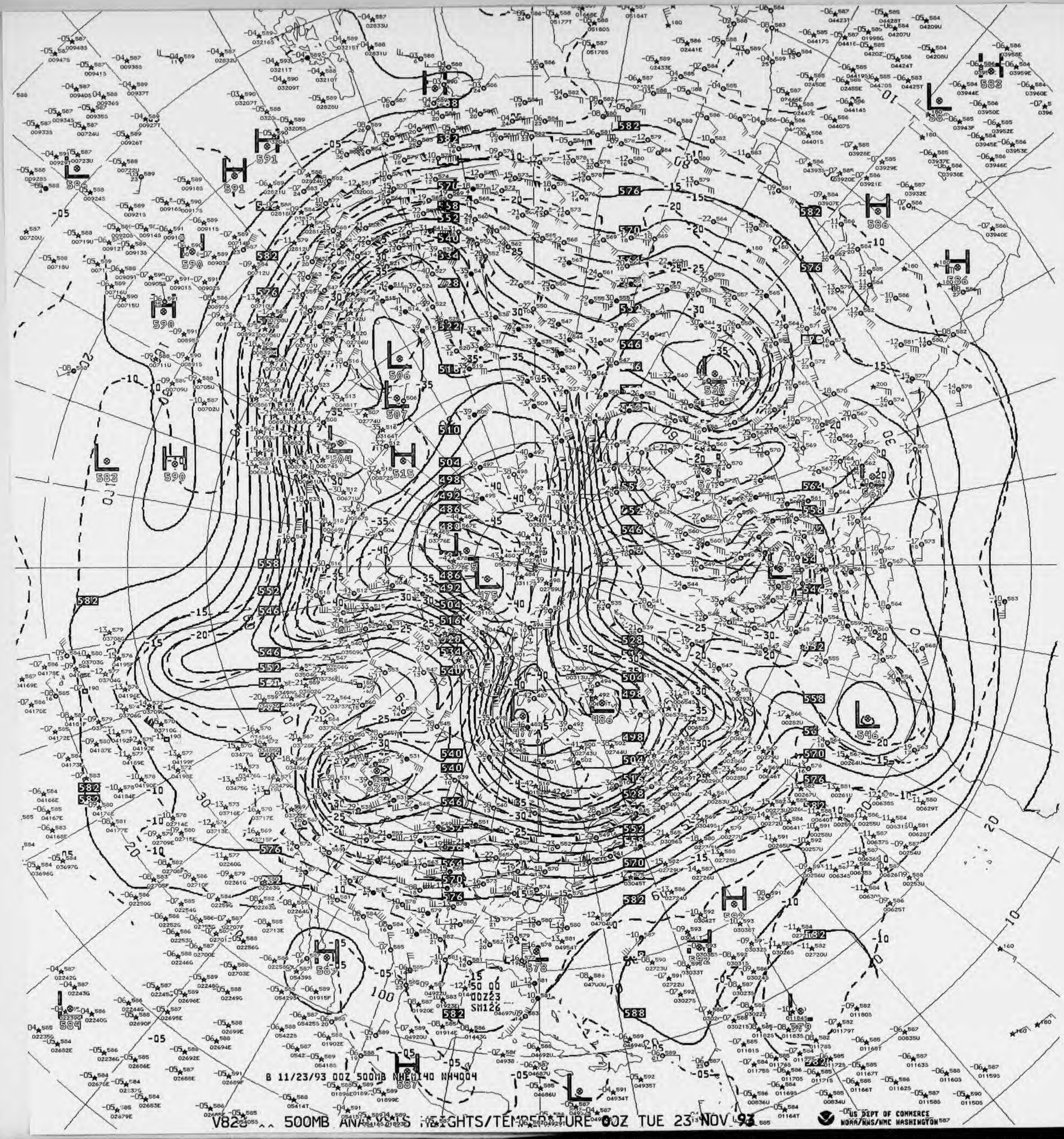
US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON



V823 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 23 NOV 93

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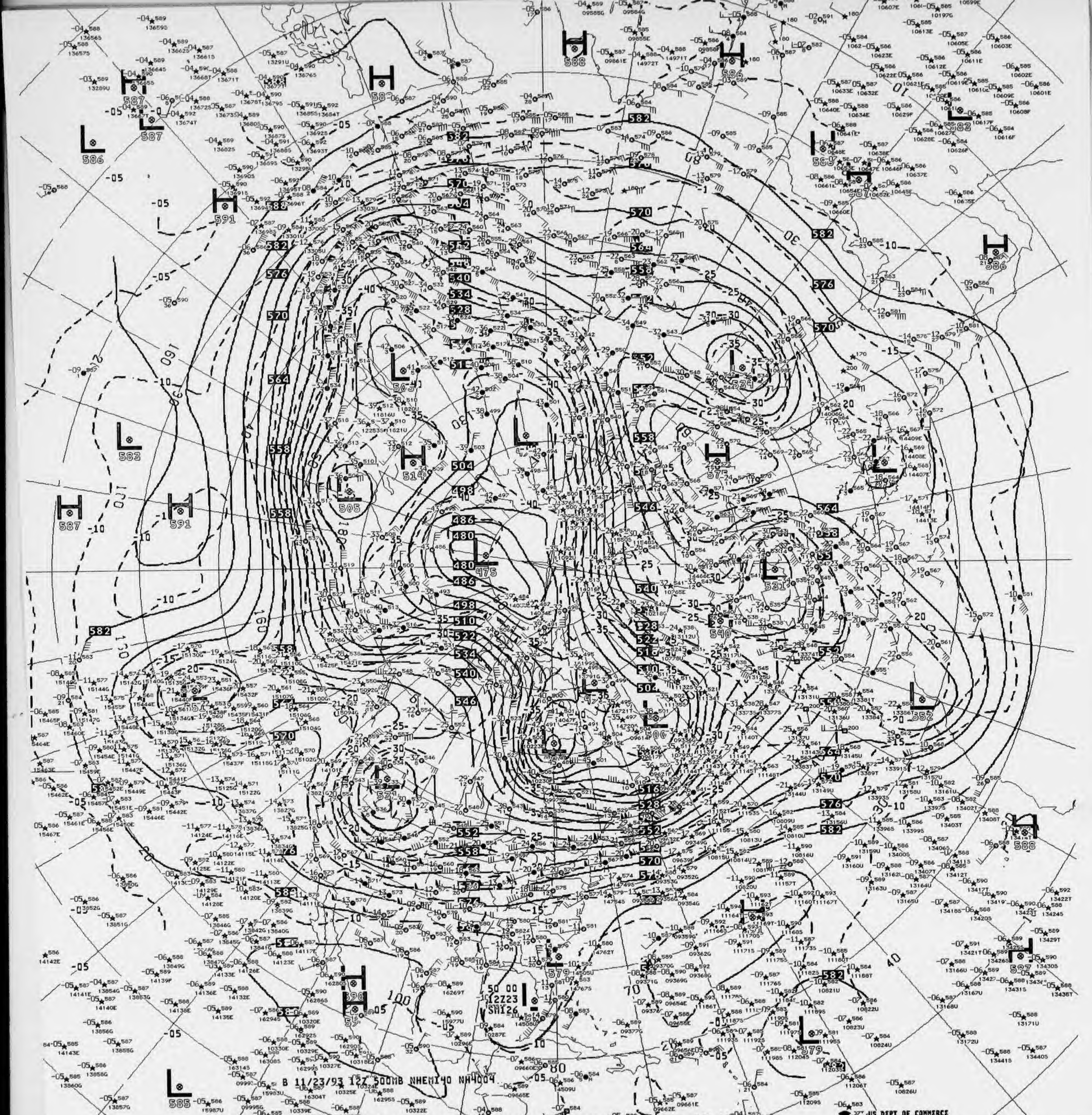
SM126
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 588
H 586
H 587
L 586
L 587
H 591
L 583
H 587
H 591
L 505
H 51
L 505
L 475
L 539
H 57
L 531
L 540
L 582
L 52
H 579
H 590
L 585
L 579
H 588
H 587
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564
558
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546
540
534
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522
516
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504
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492
486
480
-05
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-20
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-30
-35
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160
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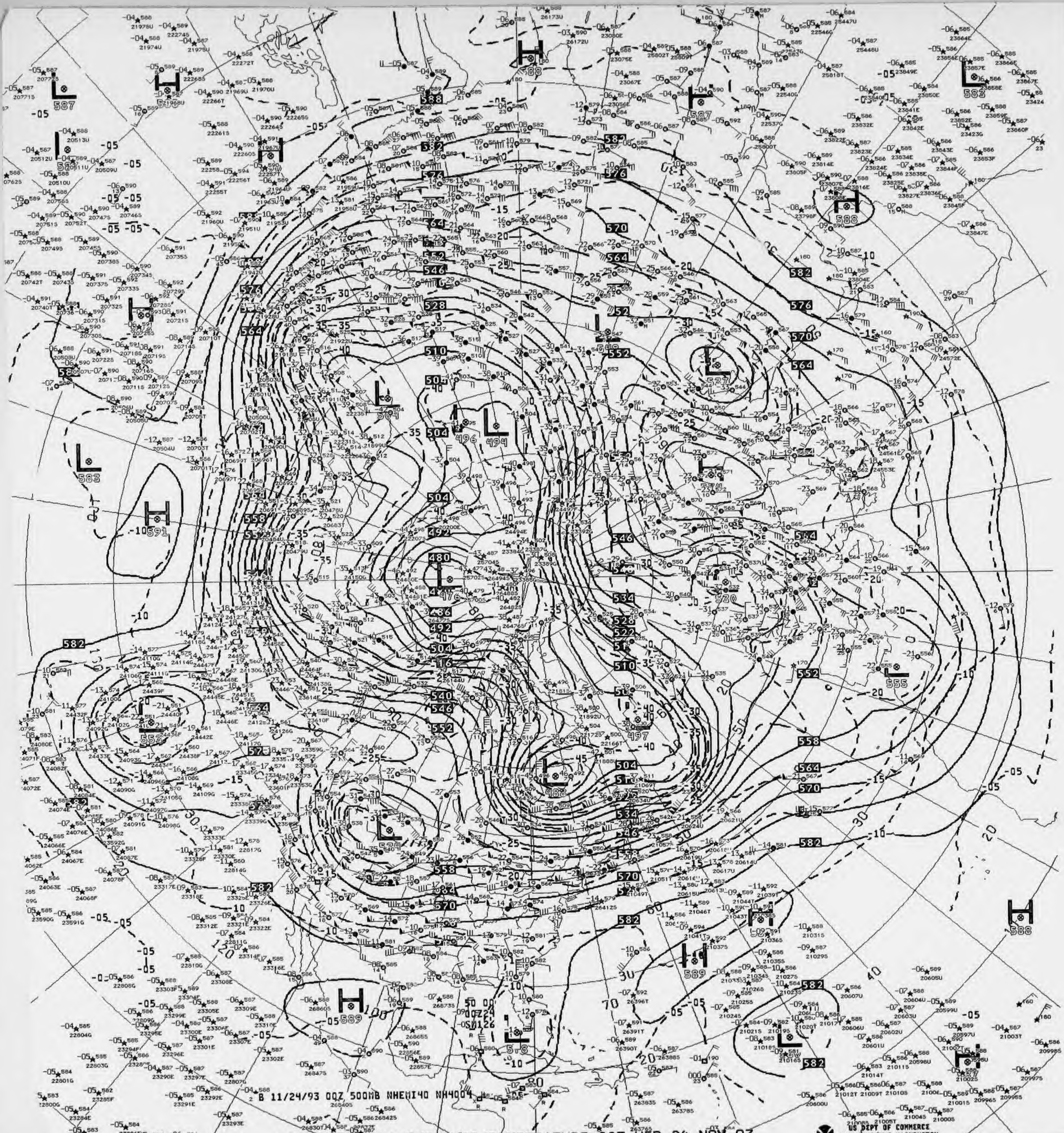
500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 23 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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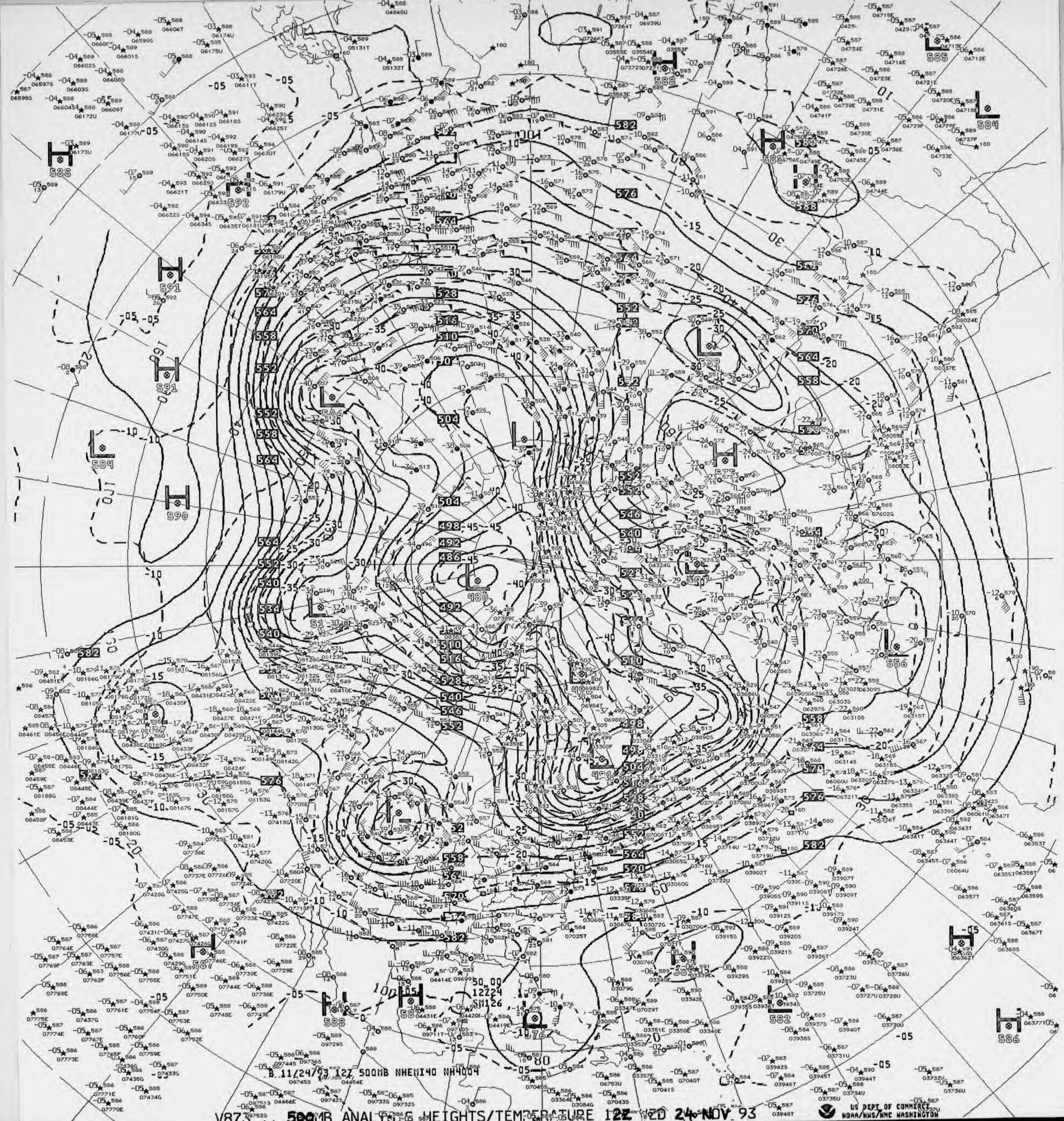
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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12224
SM126
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540
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564
576
582
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591
592
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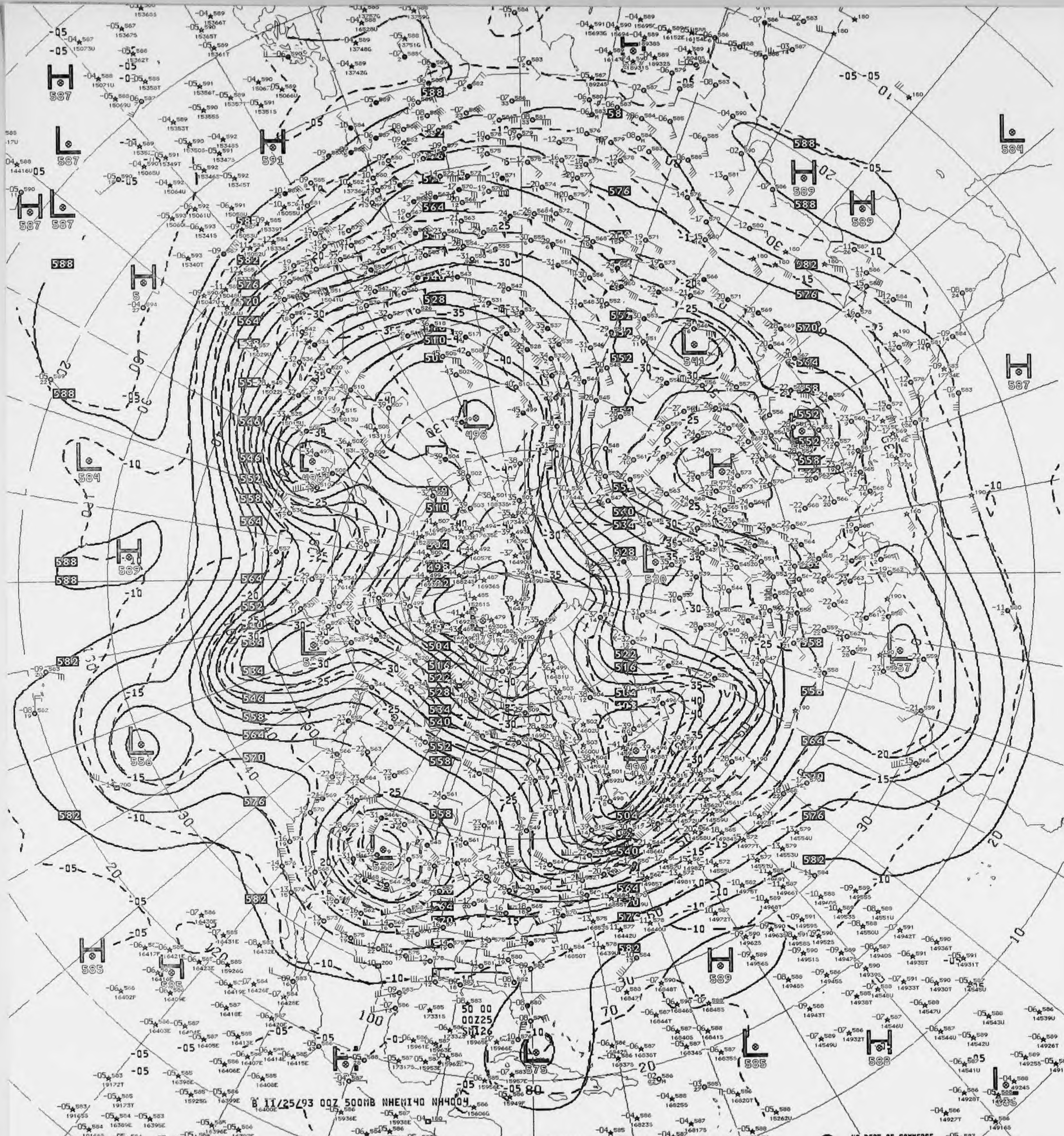
586
556

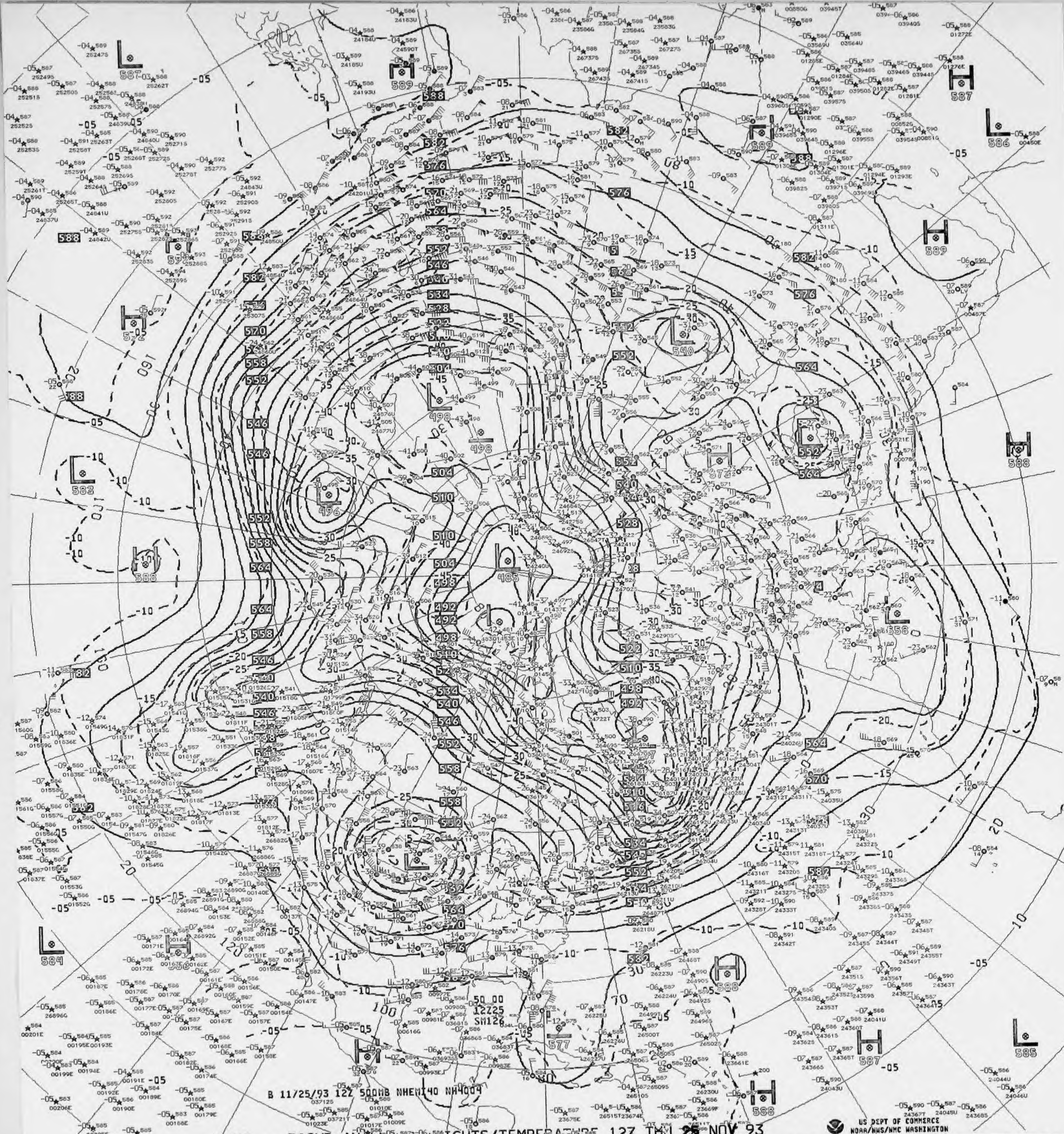
V873 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 24 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/25/93 00Z 500MB NHEMI40 NH4004

V823 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 25 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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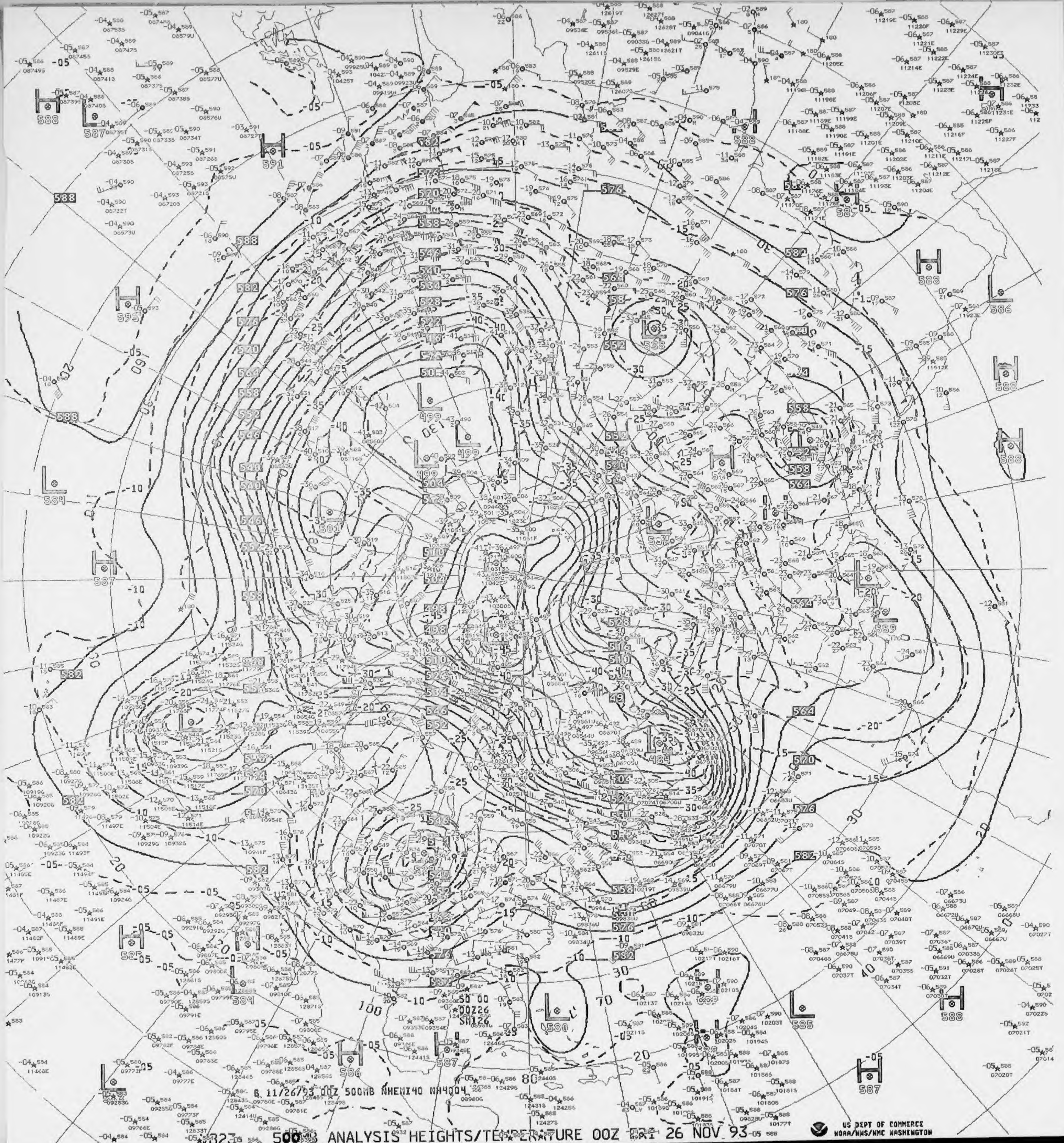
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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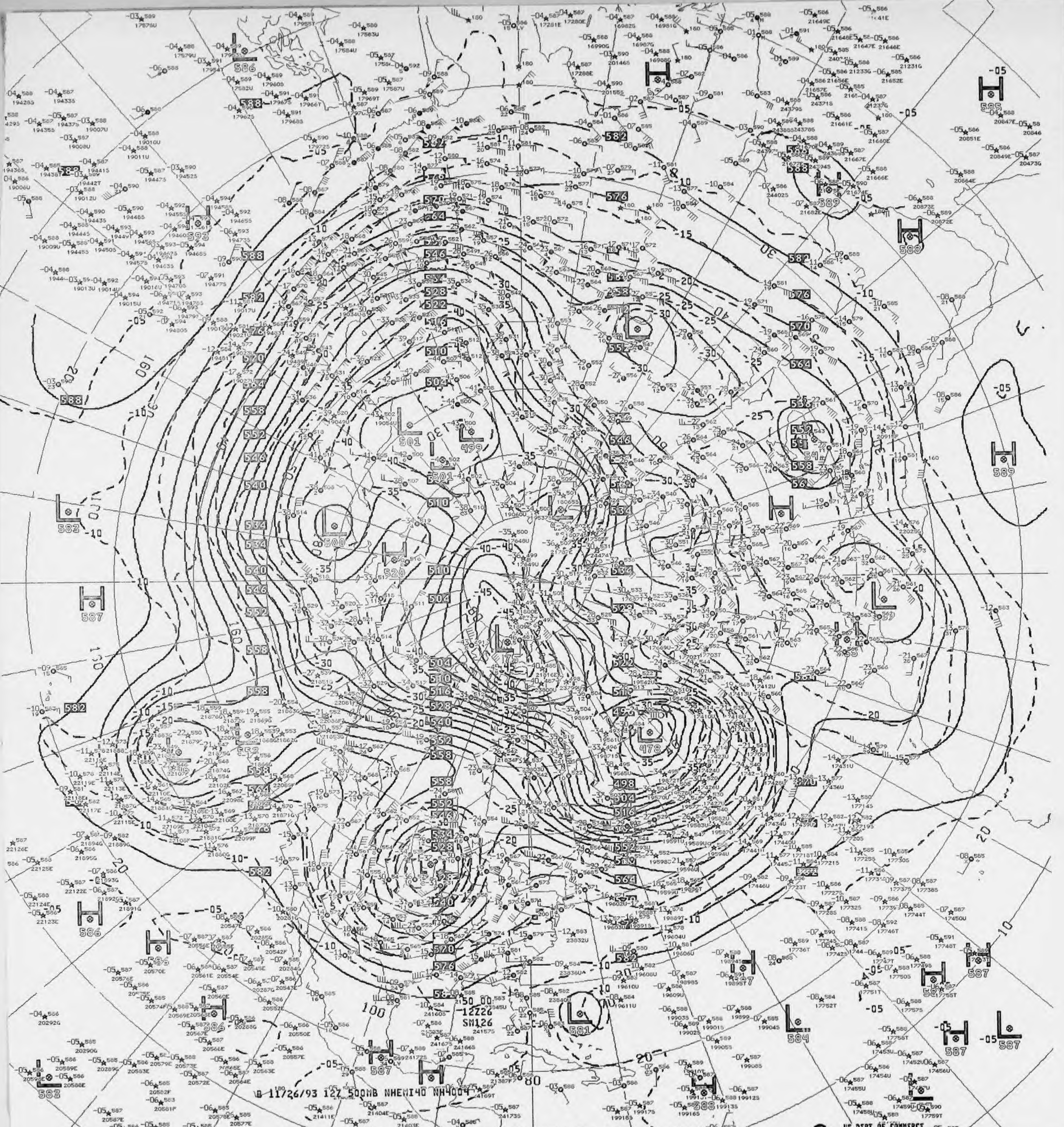
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588
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H
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L
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L
501
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581
L
584
L
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H
587
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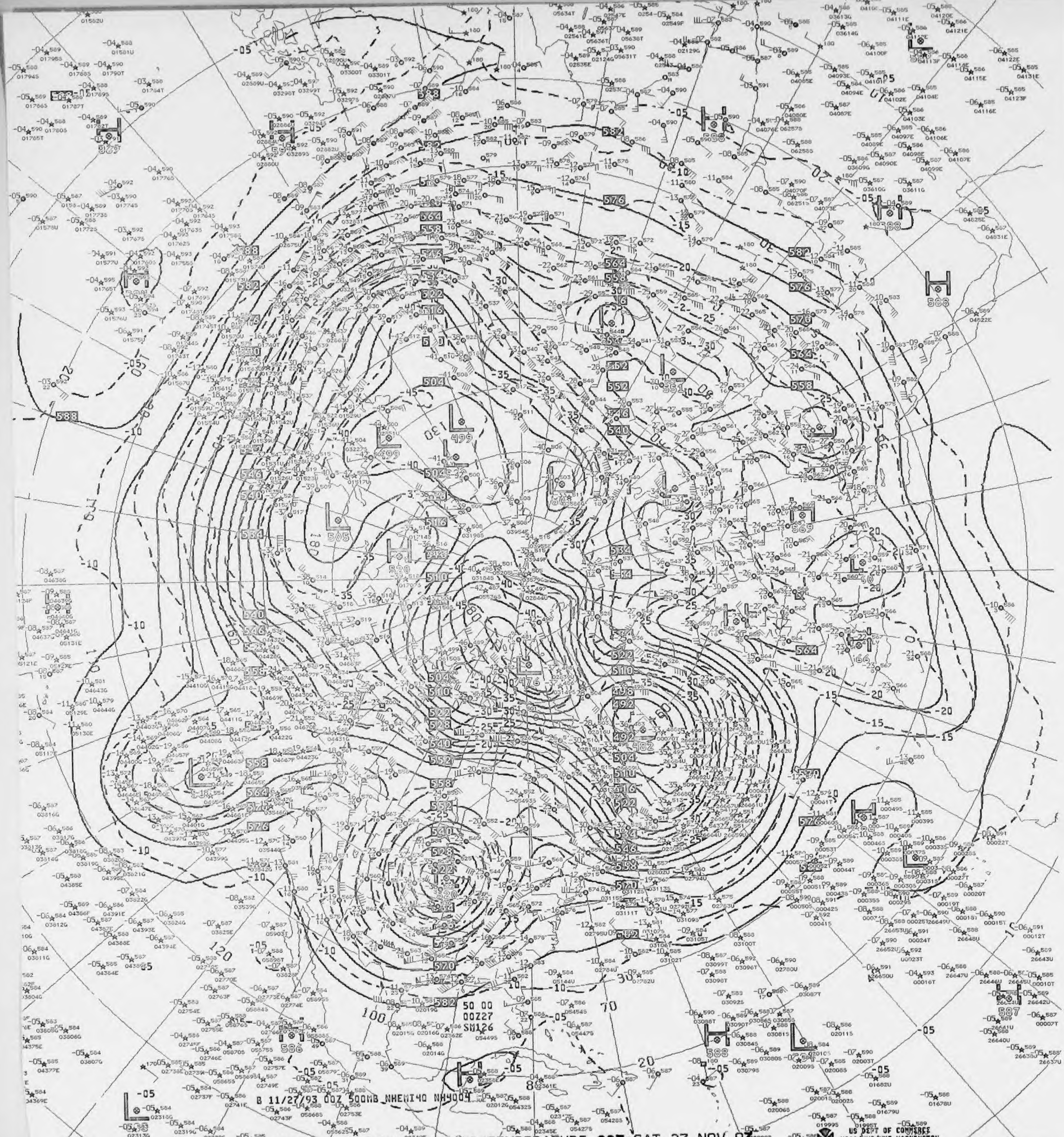
587

V873 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 26 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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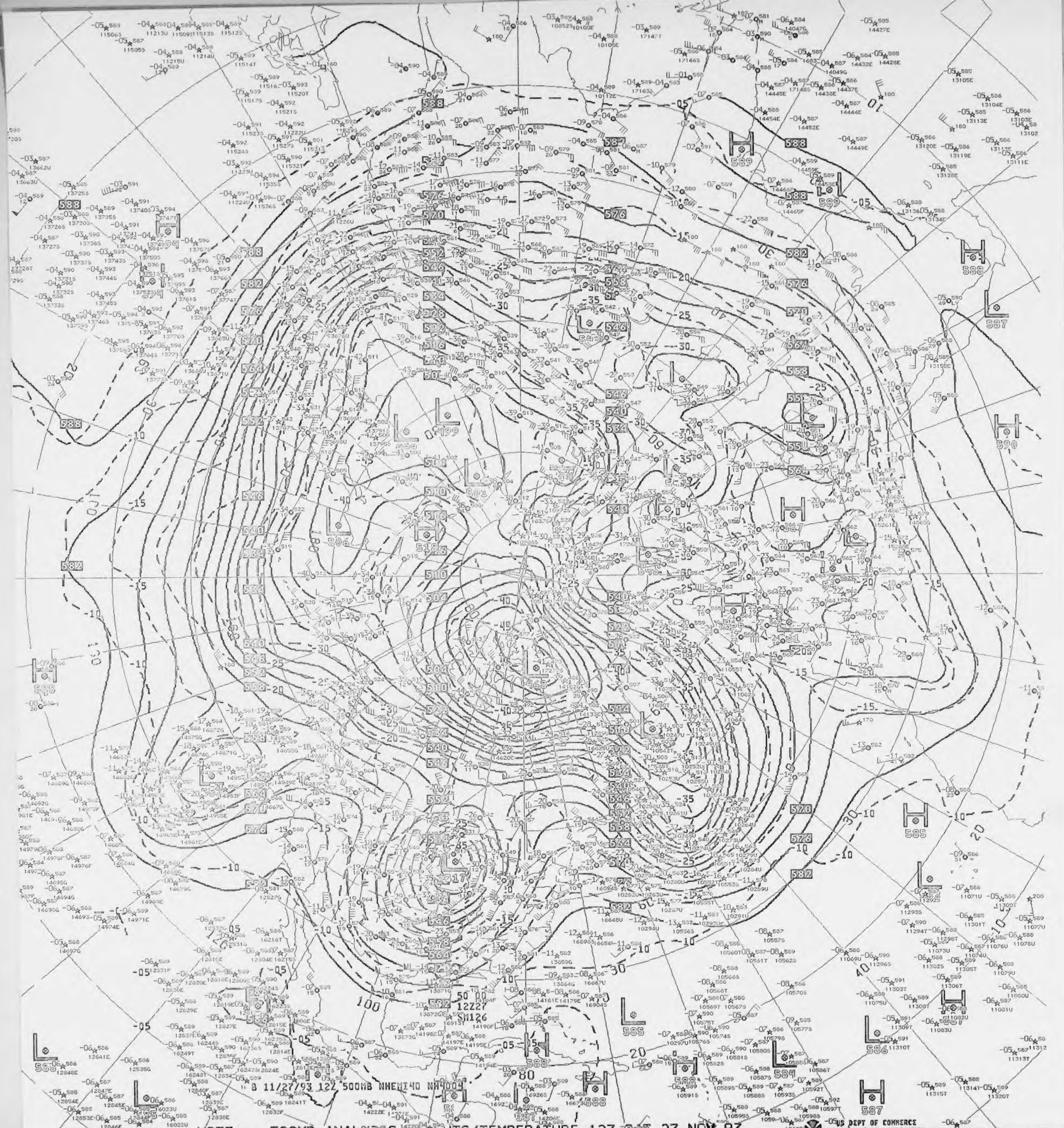
V823 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 27 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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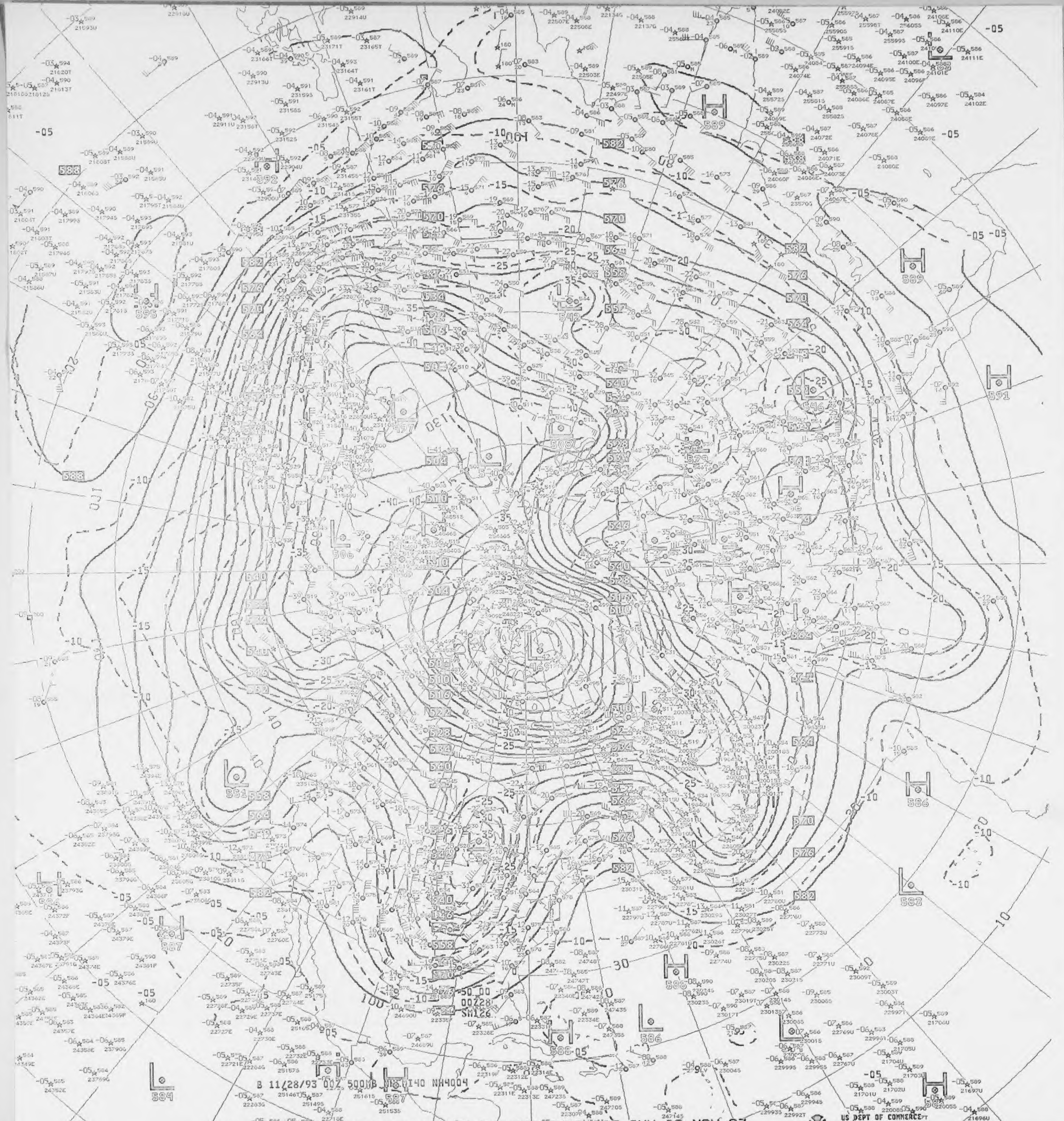
NOAA/NWS/NMC WASHINGTON



B 11/28/93 00Z 500MB NH5140 NH4004
50 00
00Z28
SM126
H
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586
583
584
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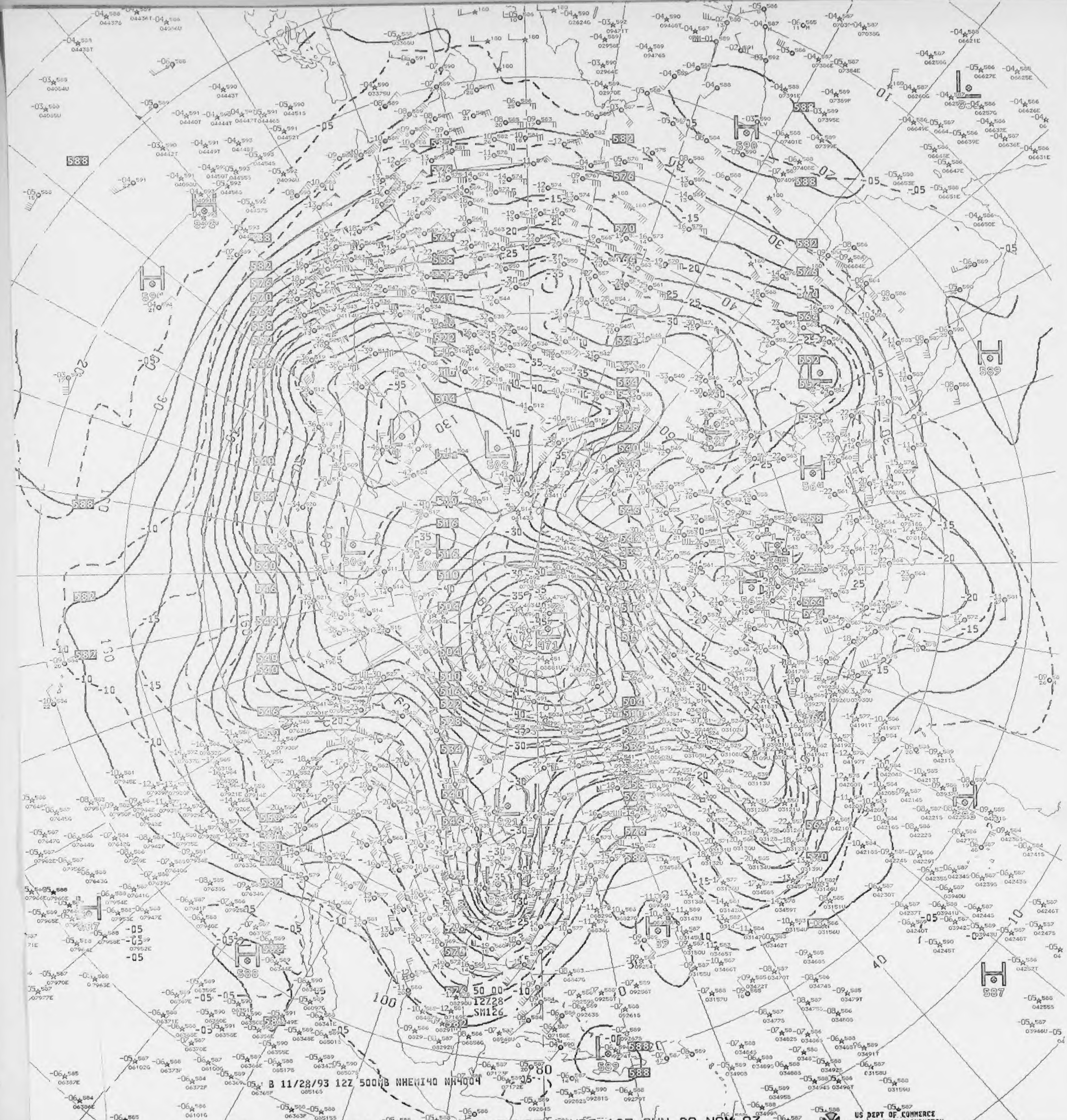
588

V823 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 28 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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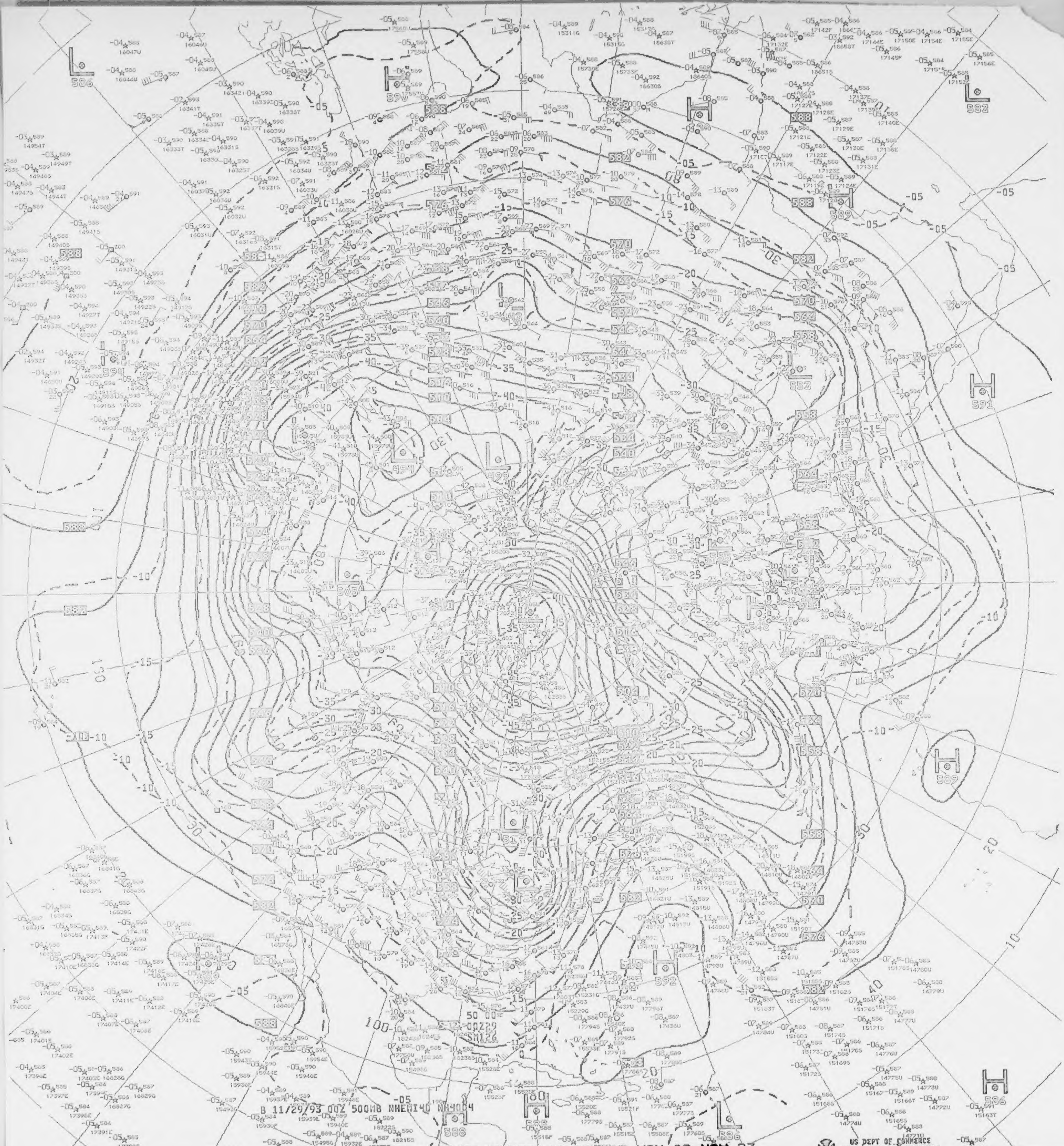
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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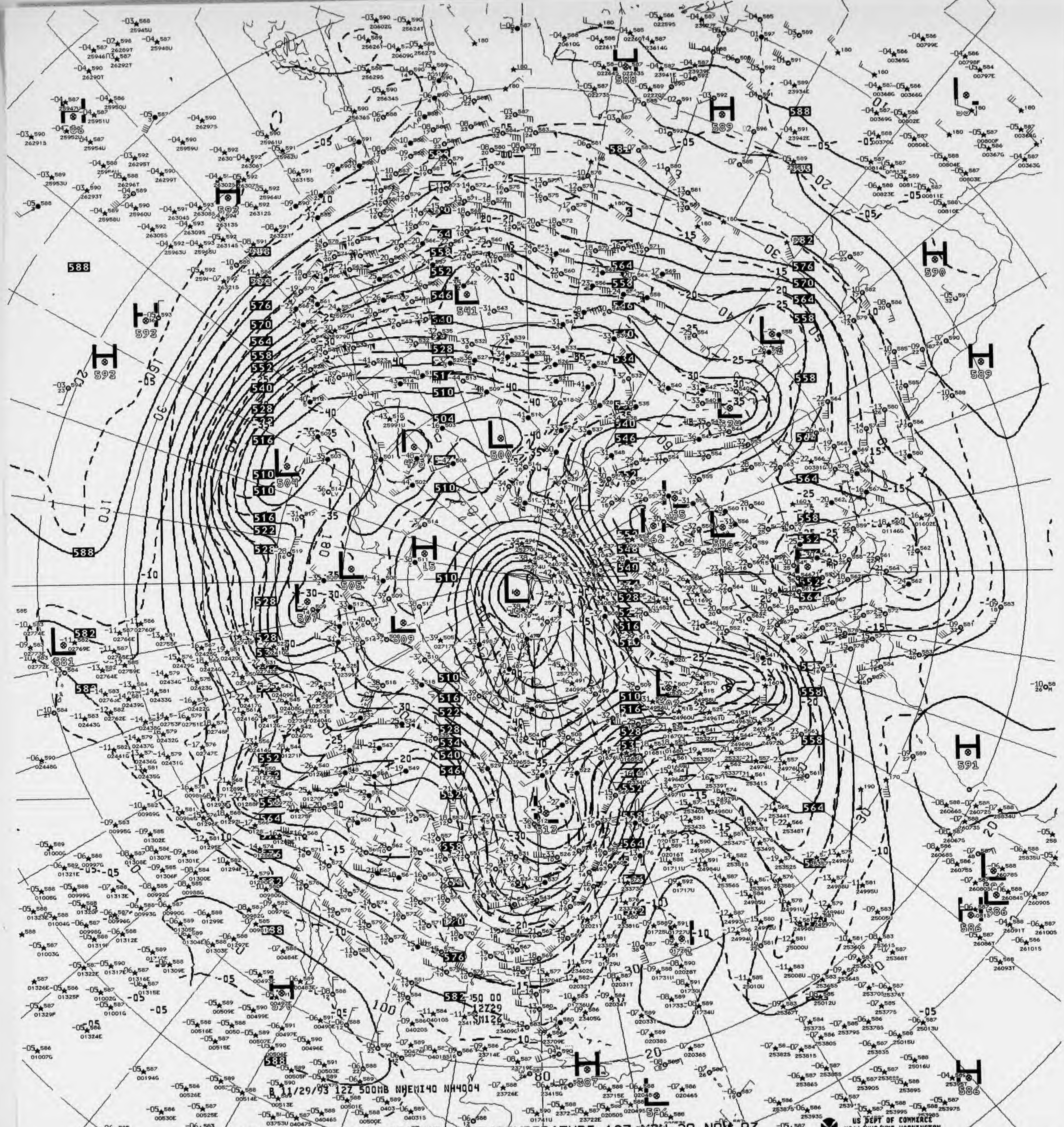
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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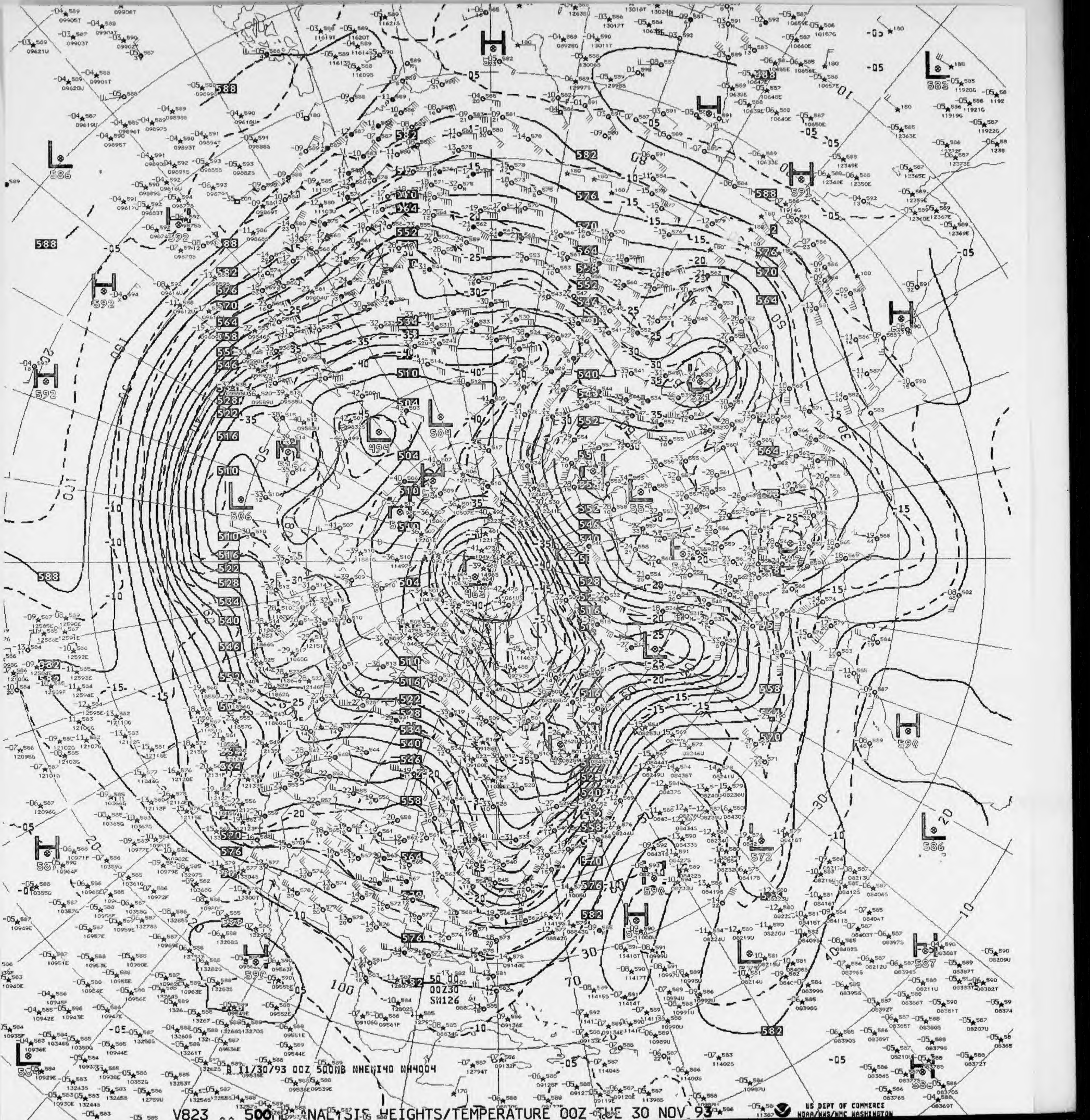
V873 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 29 NOV 93

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON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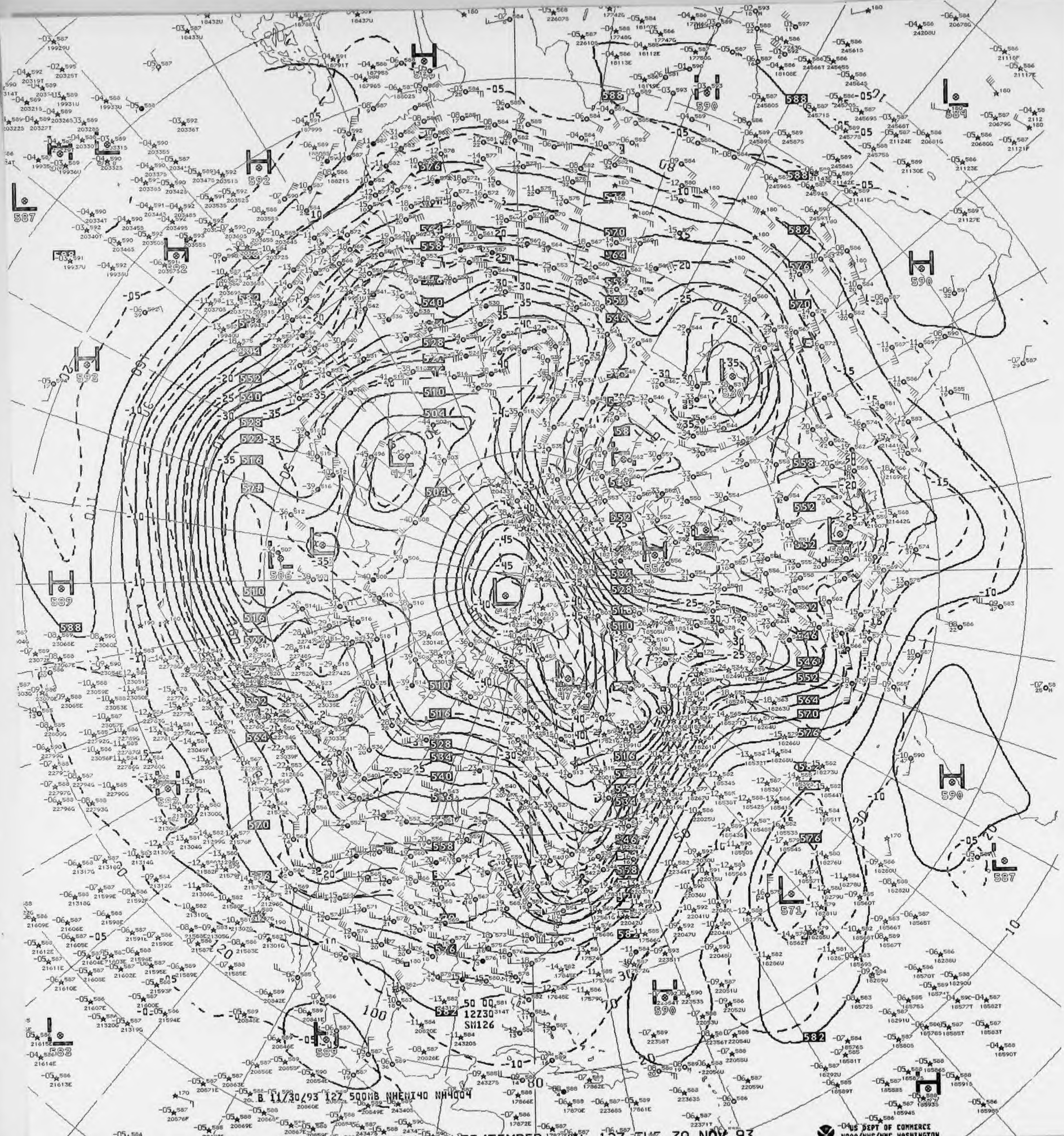
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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SM126

1833 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 30 NOV 93

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NOAA/NWS/NMC WASHINGTON

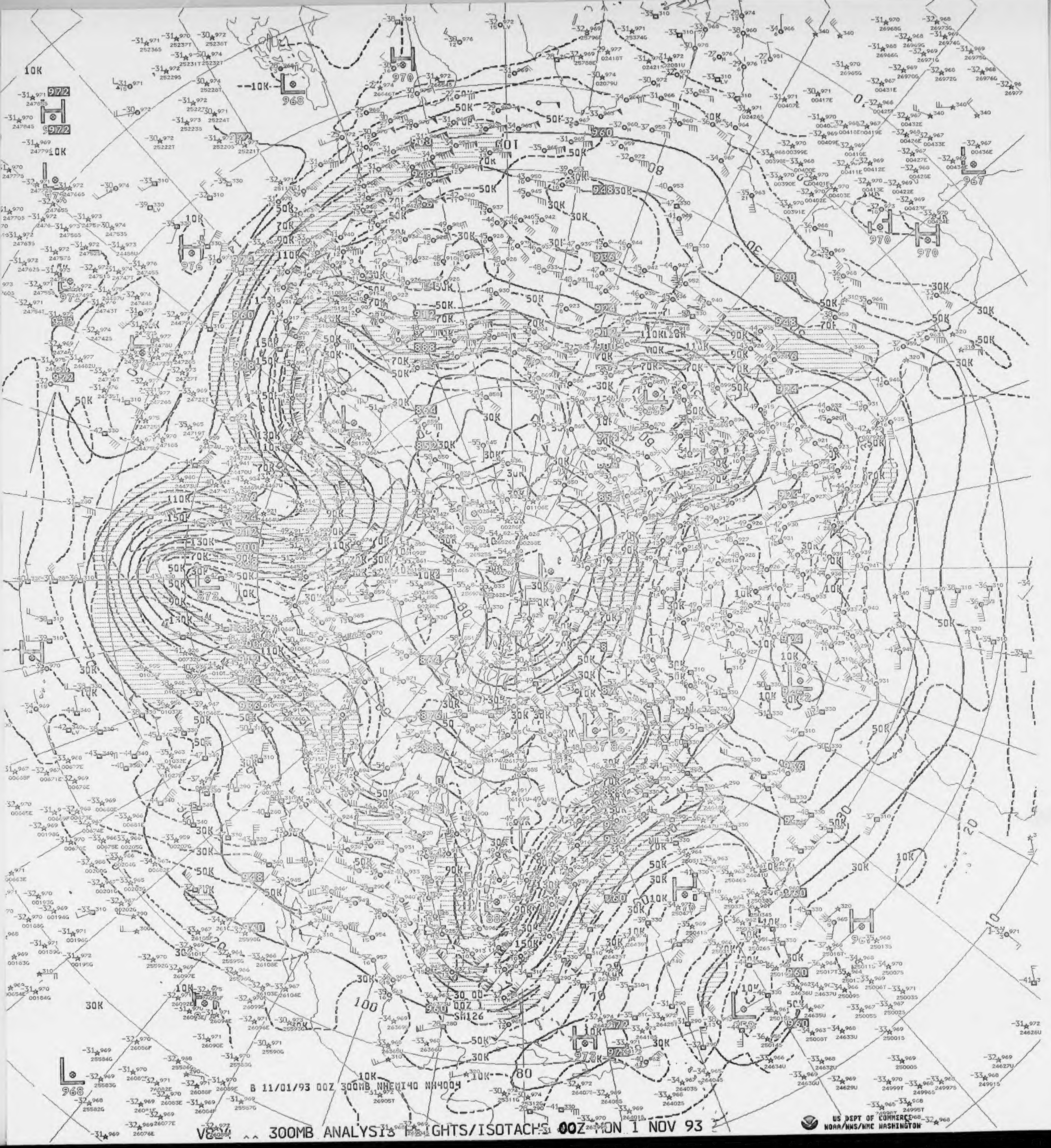
AA Form 48 - 363B
ev. 8 - 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

300 MB CONSTANT PRESSURE CHARTS

NORTHERN HEMISPHERE NWP

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING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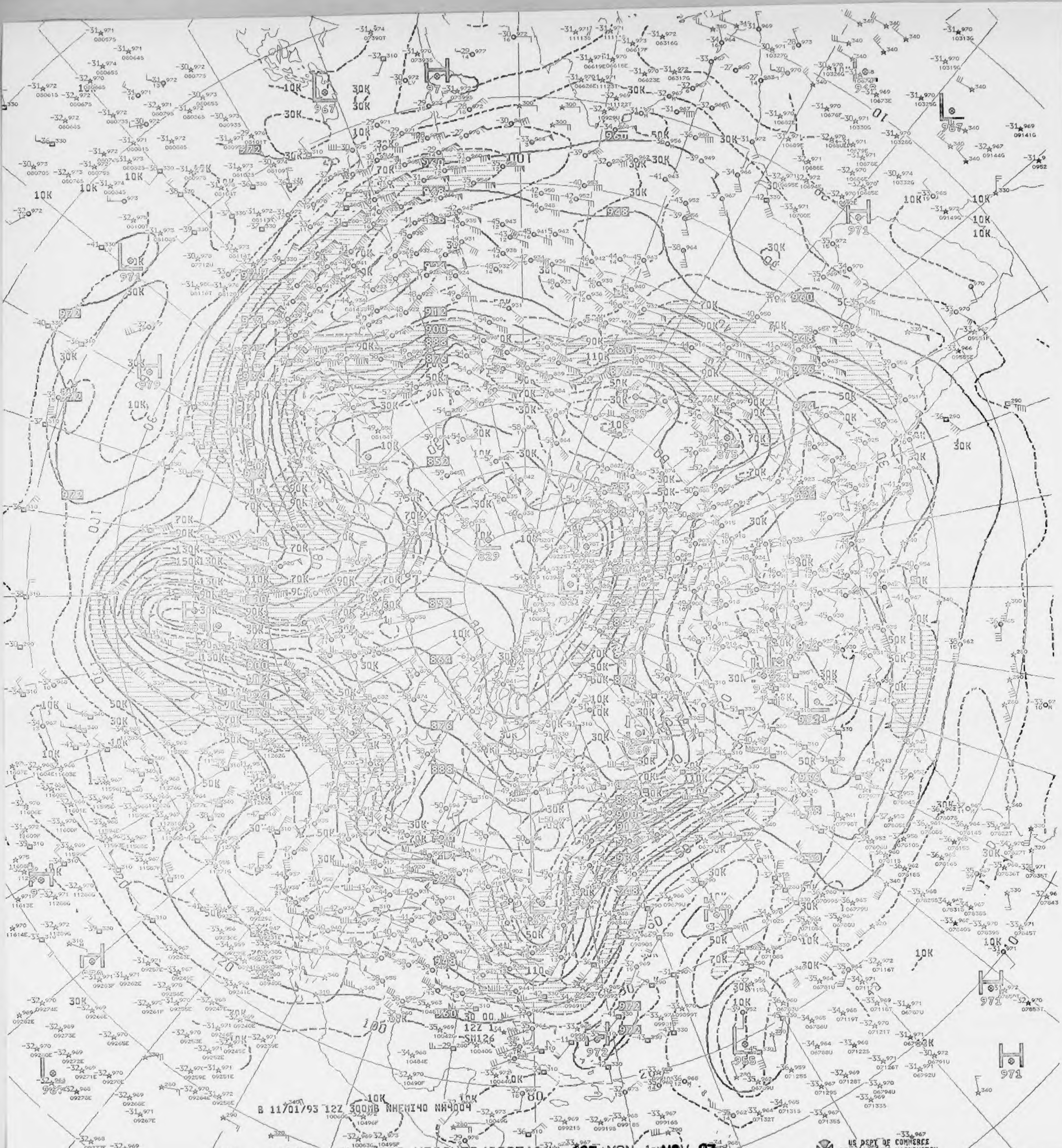
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V8 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 1 NOV 93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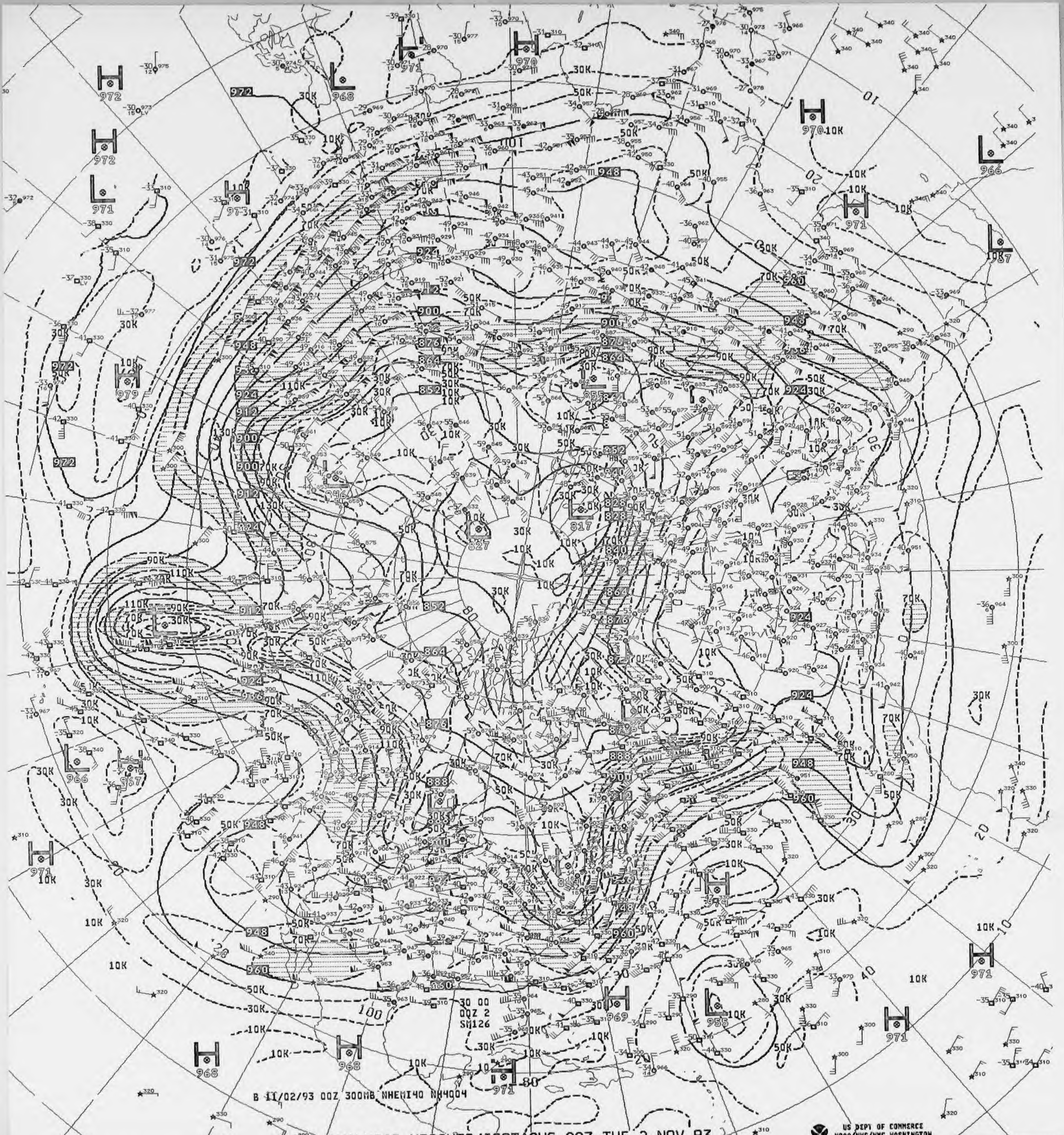
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V874 ^^ 300MB ANALYSIS HEIGHTS/ISOTACH 12Z MON 1 NOV 93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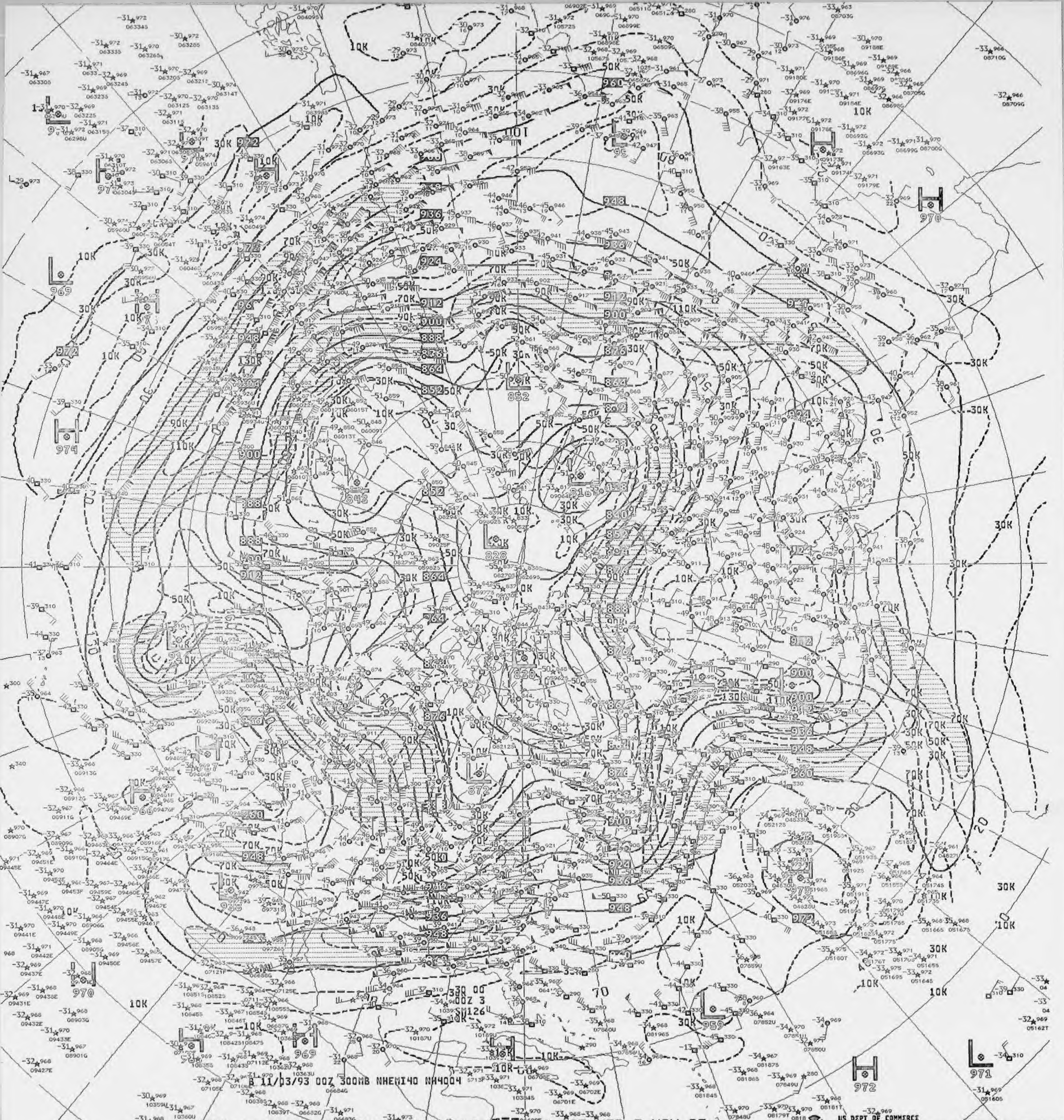
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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L 852
L 843
L 828
L 872
L 959
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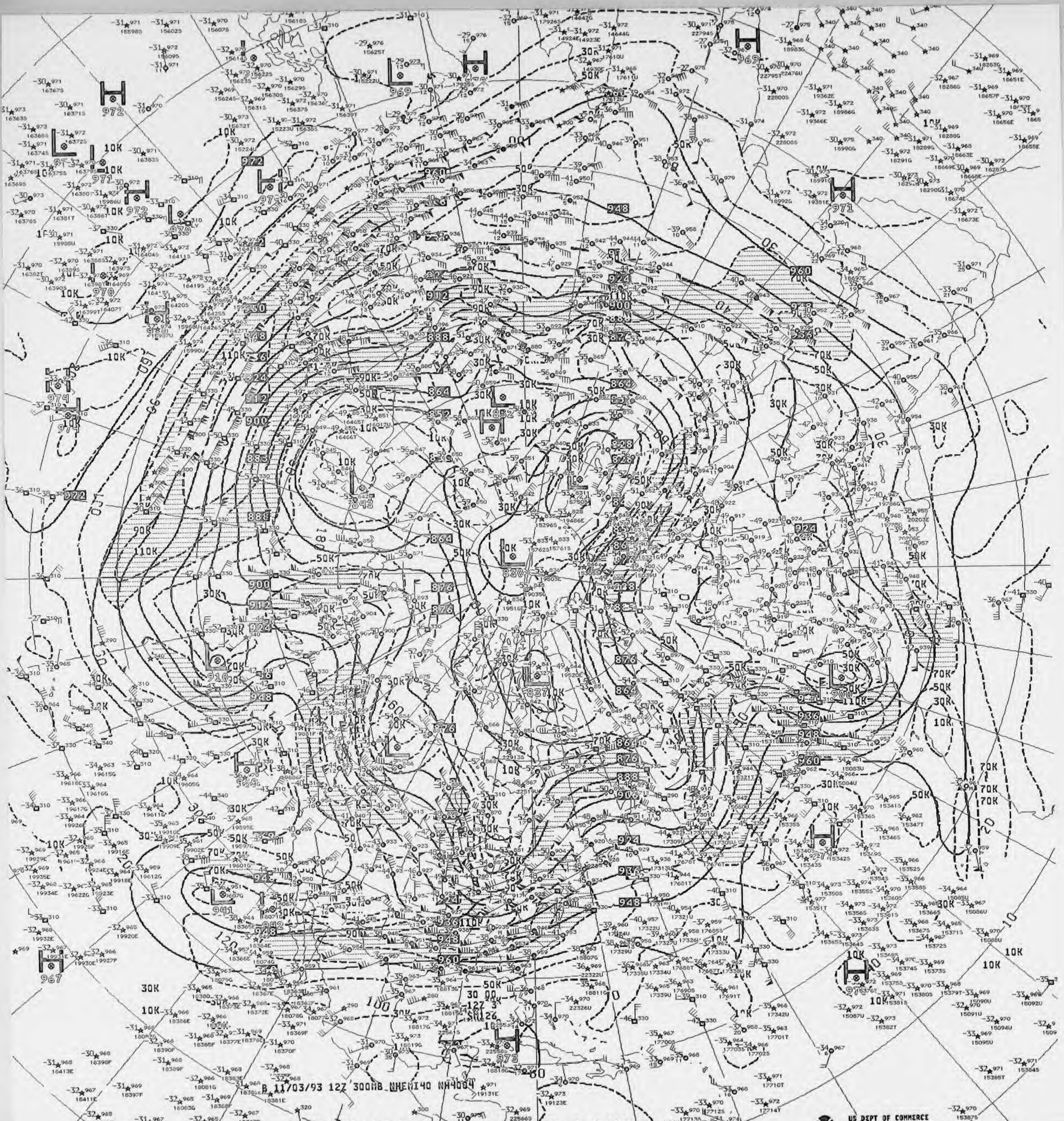
H 972
L 971
H 969
L 970
10K
30K
50K
70K
90K
110K
130K

V824 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 3 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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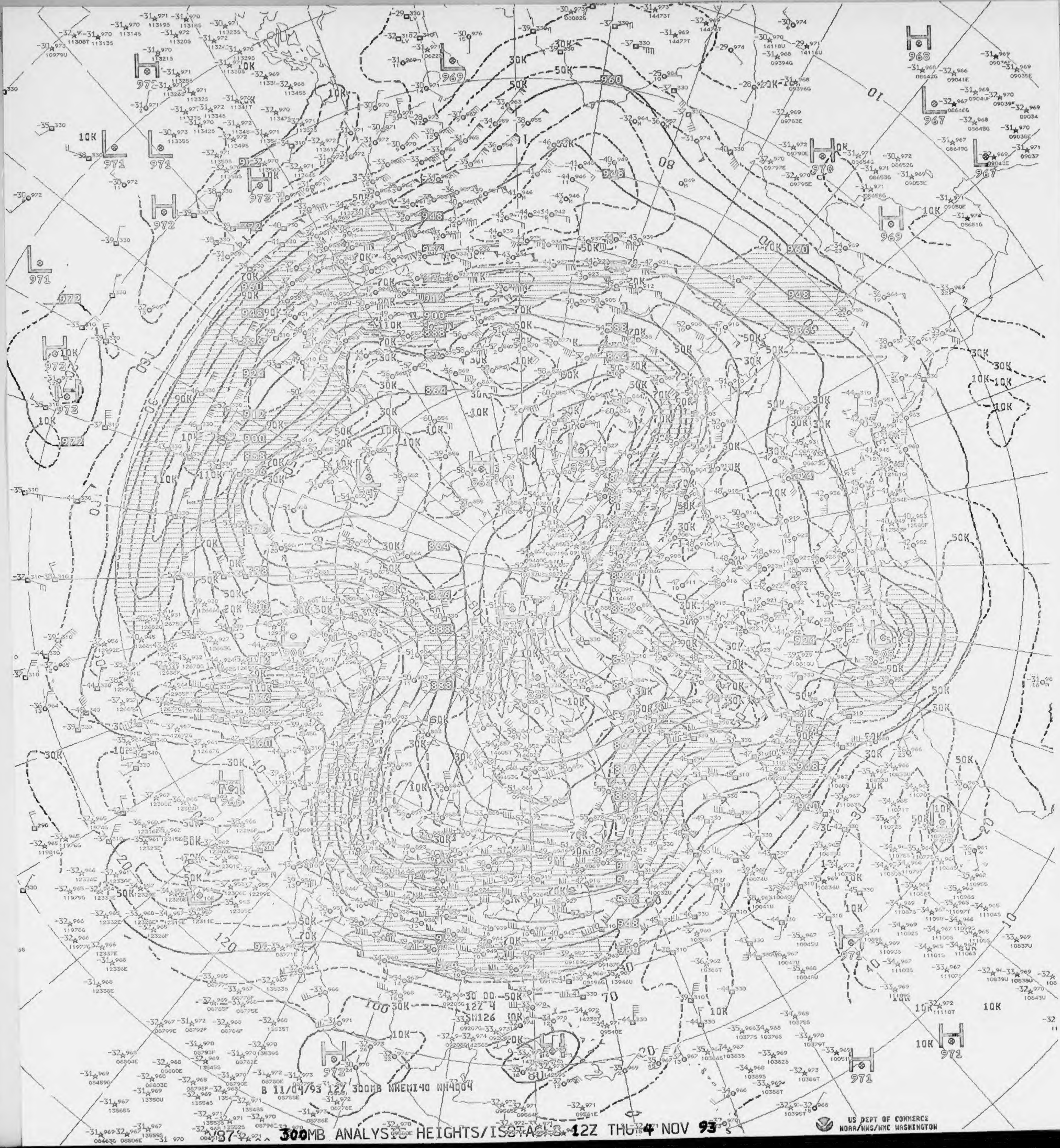
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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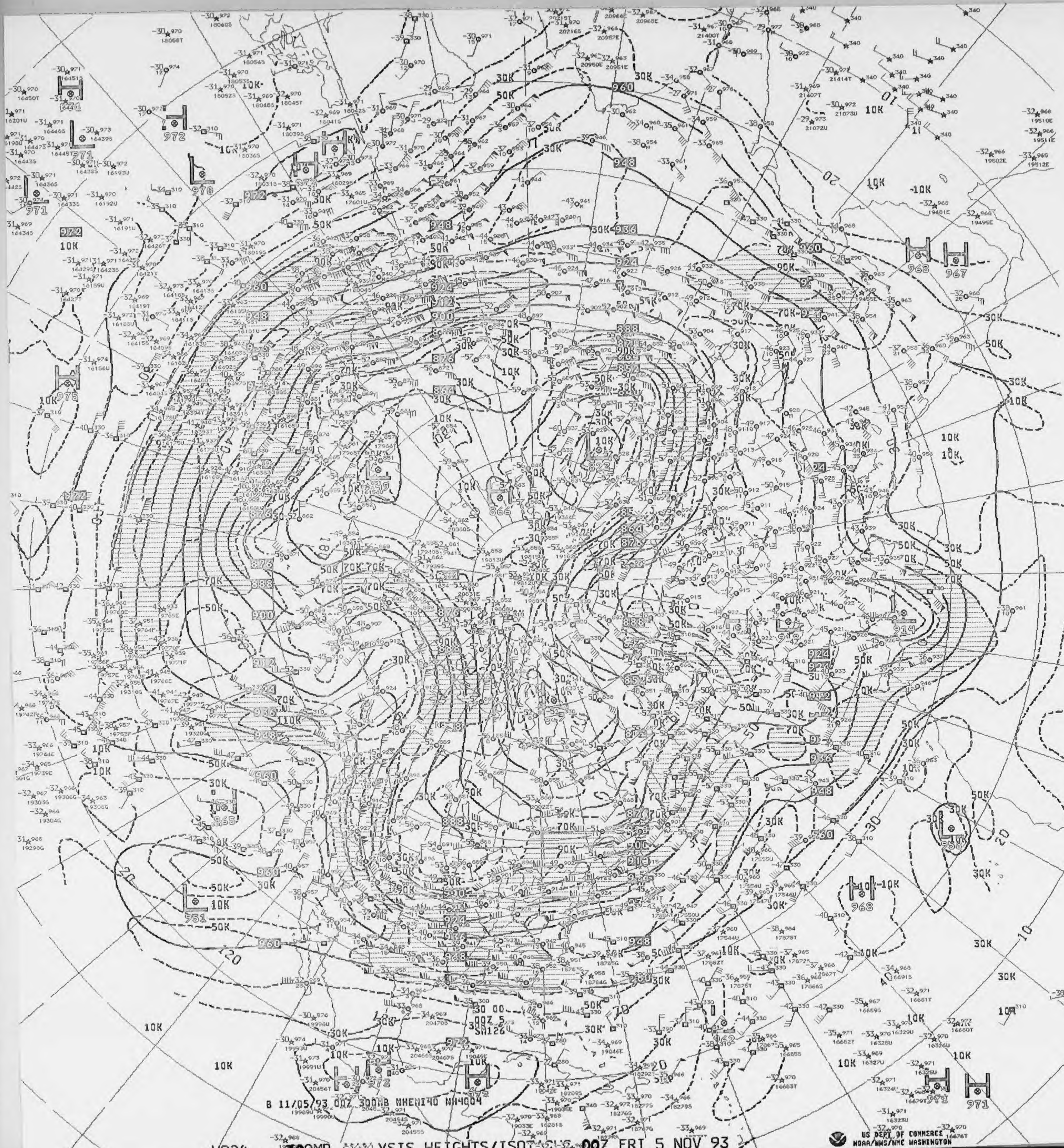
300MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 4 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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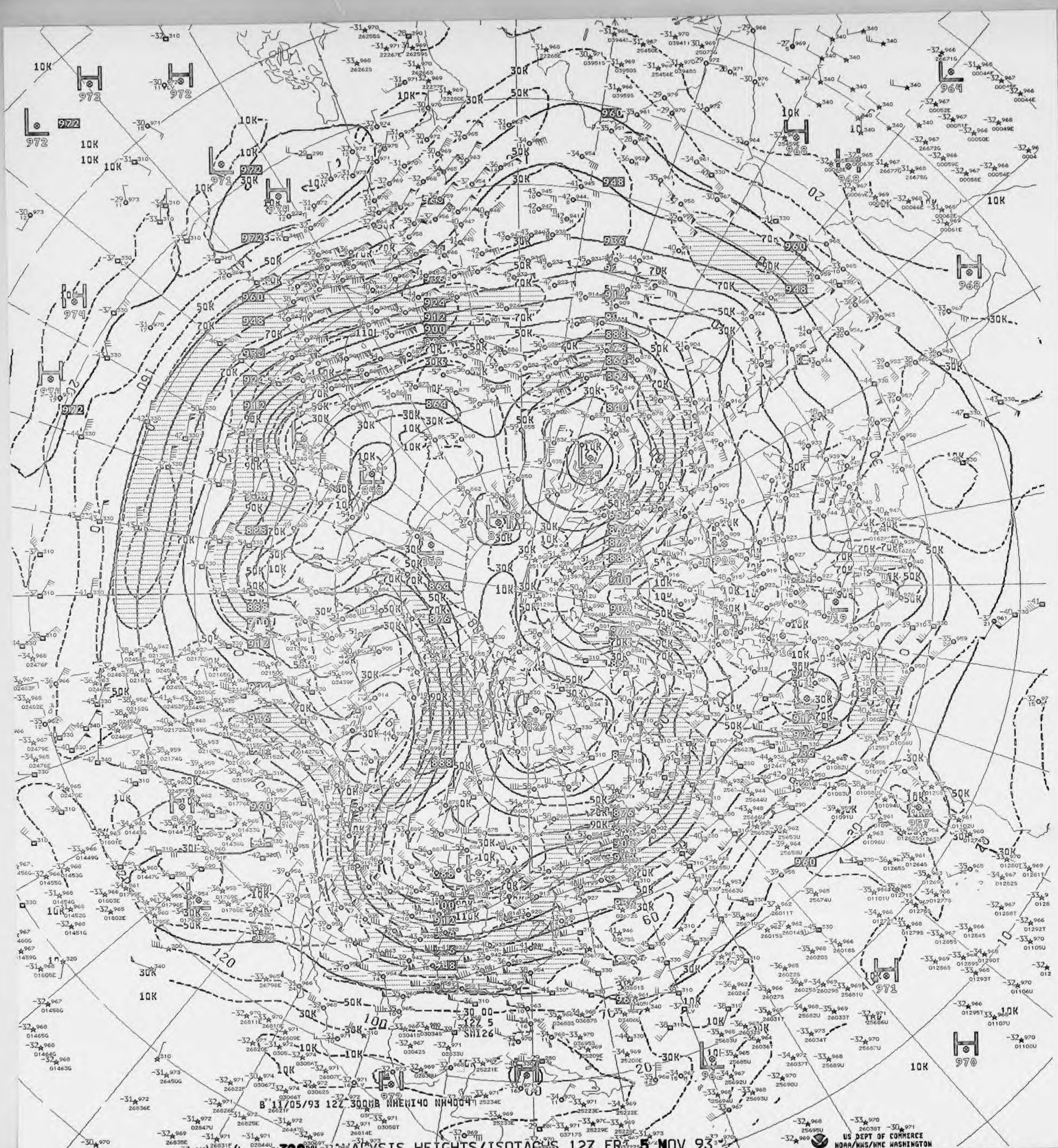
V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 5 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/05/93 12Z 300MB NHEMI40 NH4004
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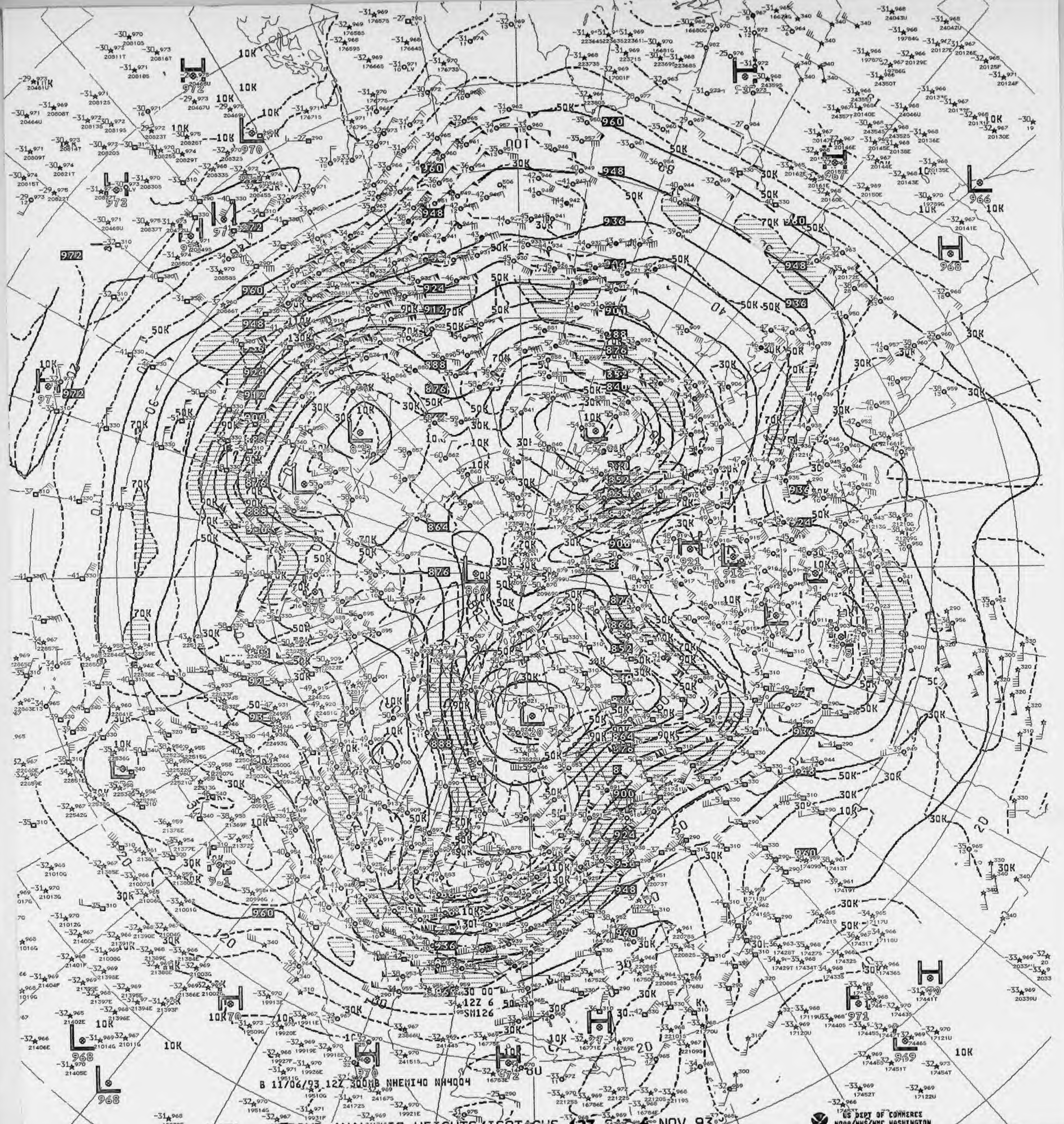
300MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 5 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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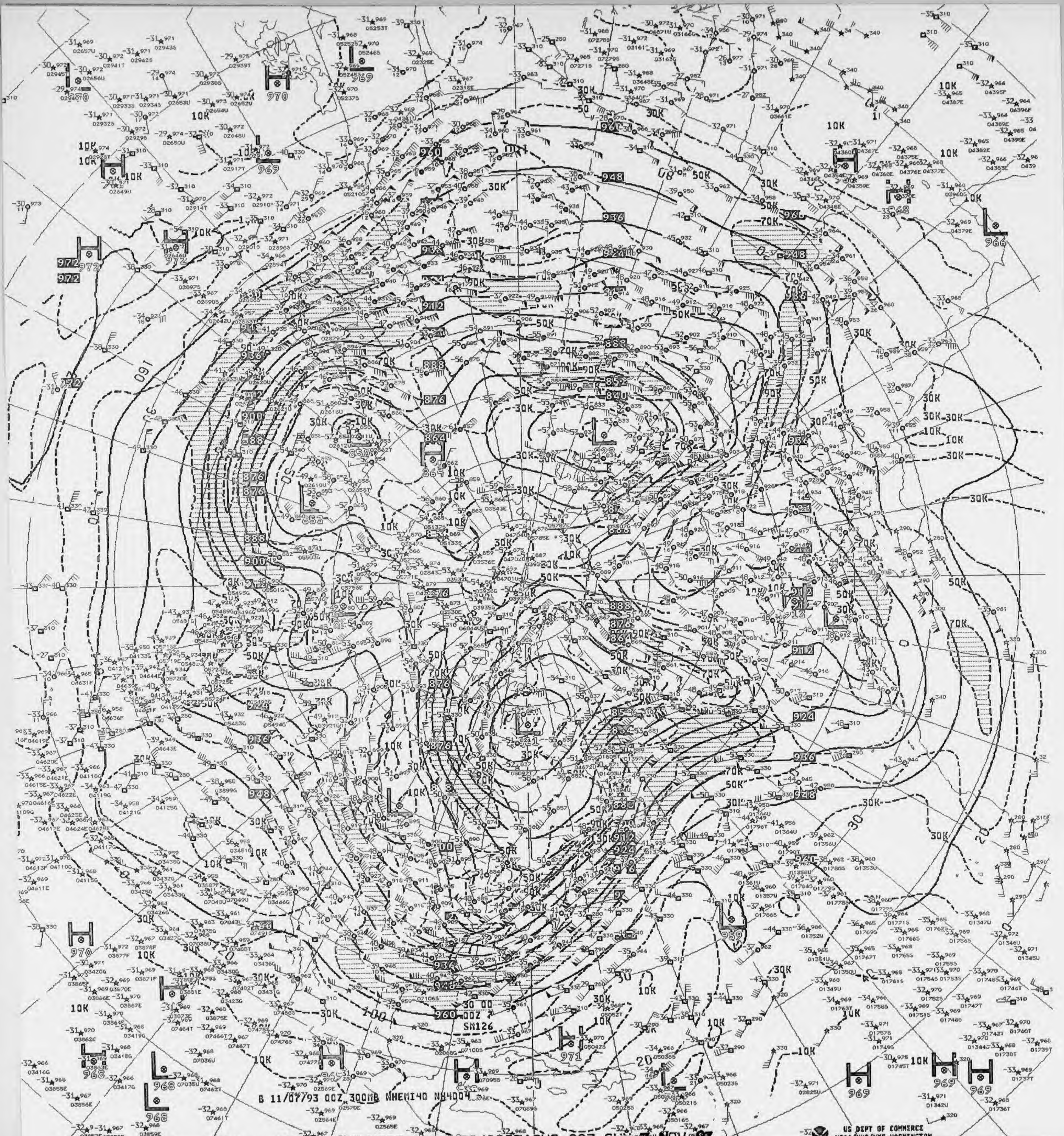
V834 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 6 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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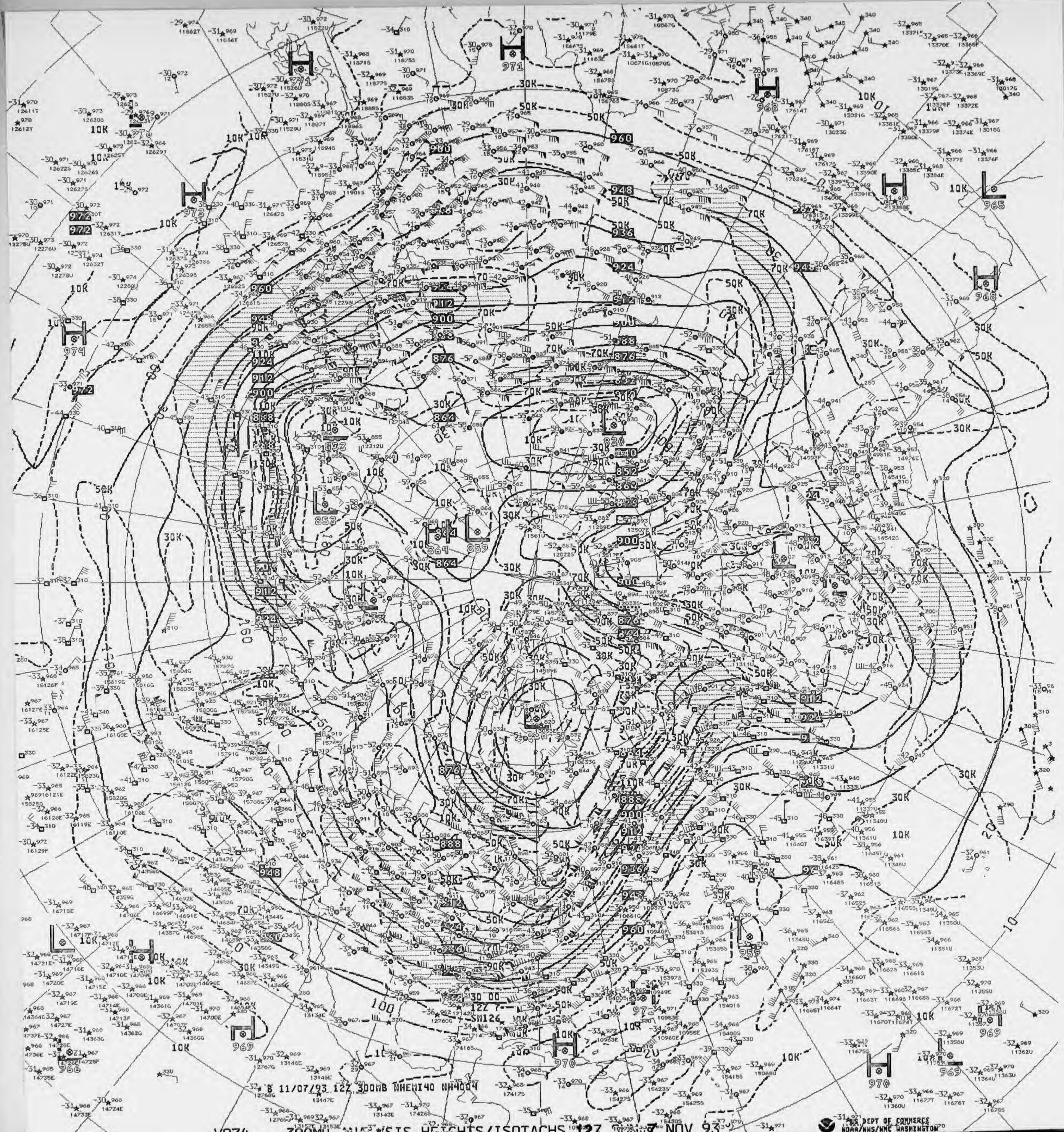
V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 7 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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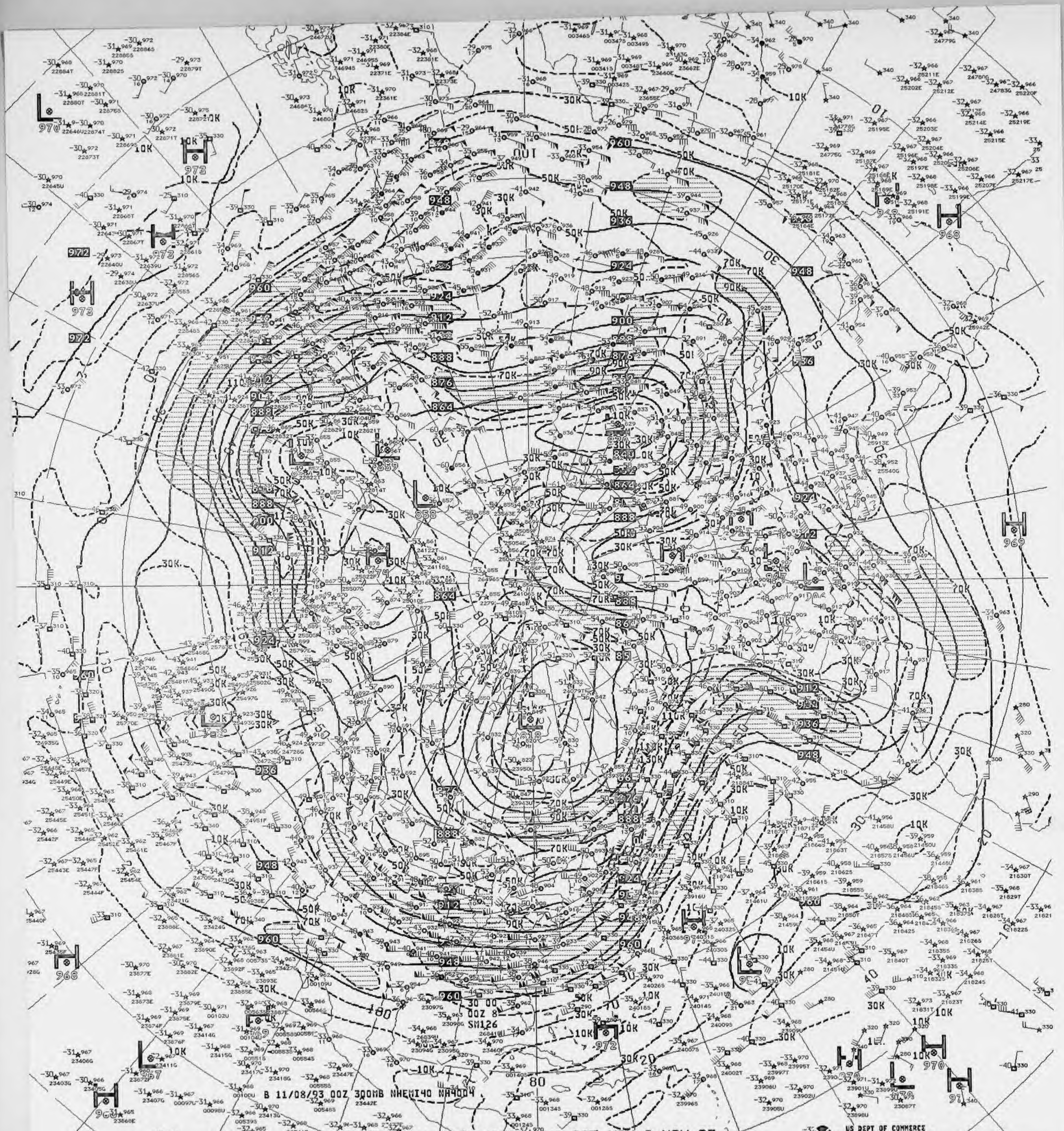
B 11/08/93 00Z 300MB NHEMI40 NH4004
00Z 8
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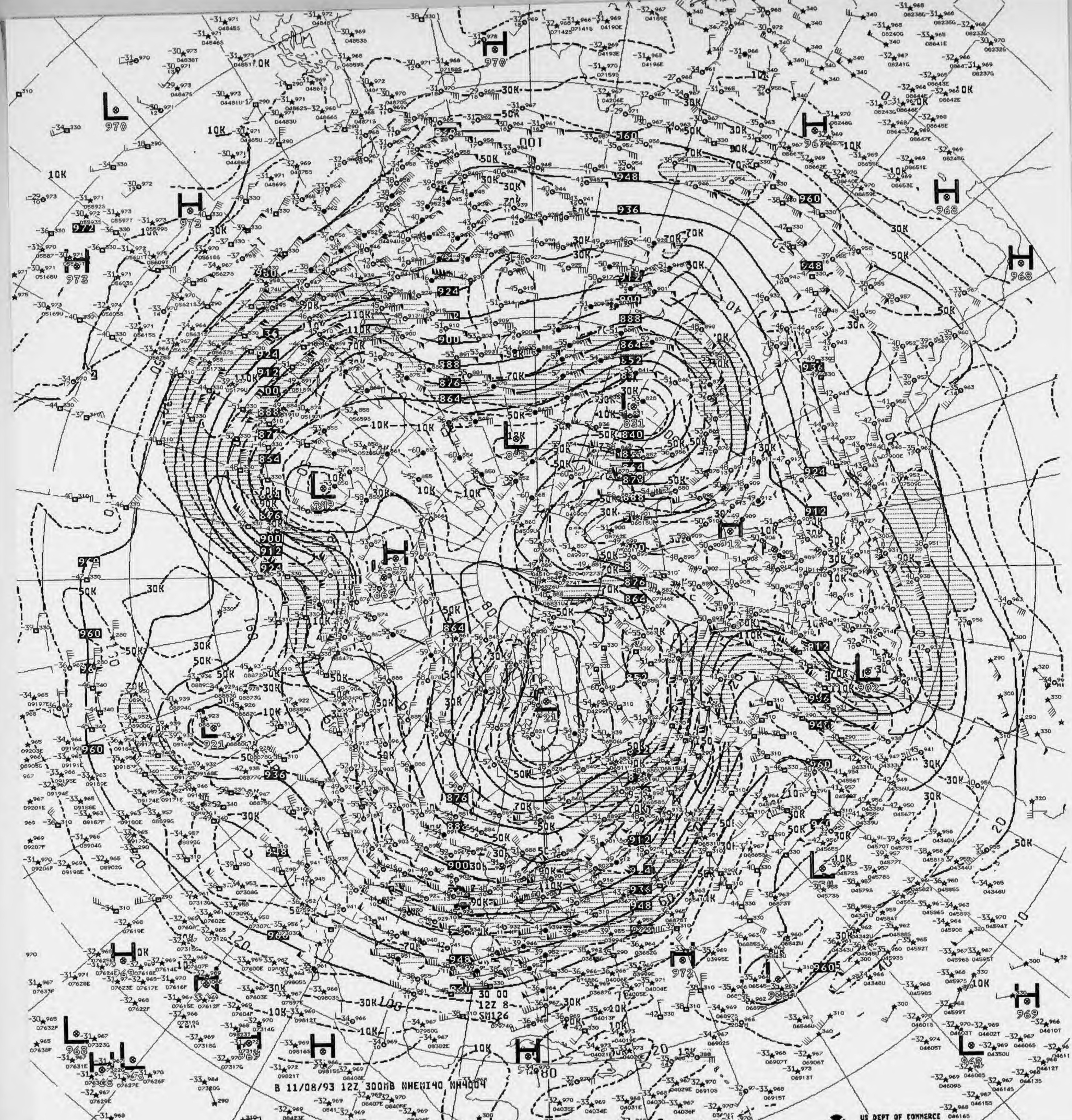
V824 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 8 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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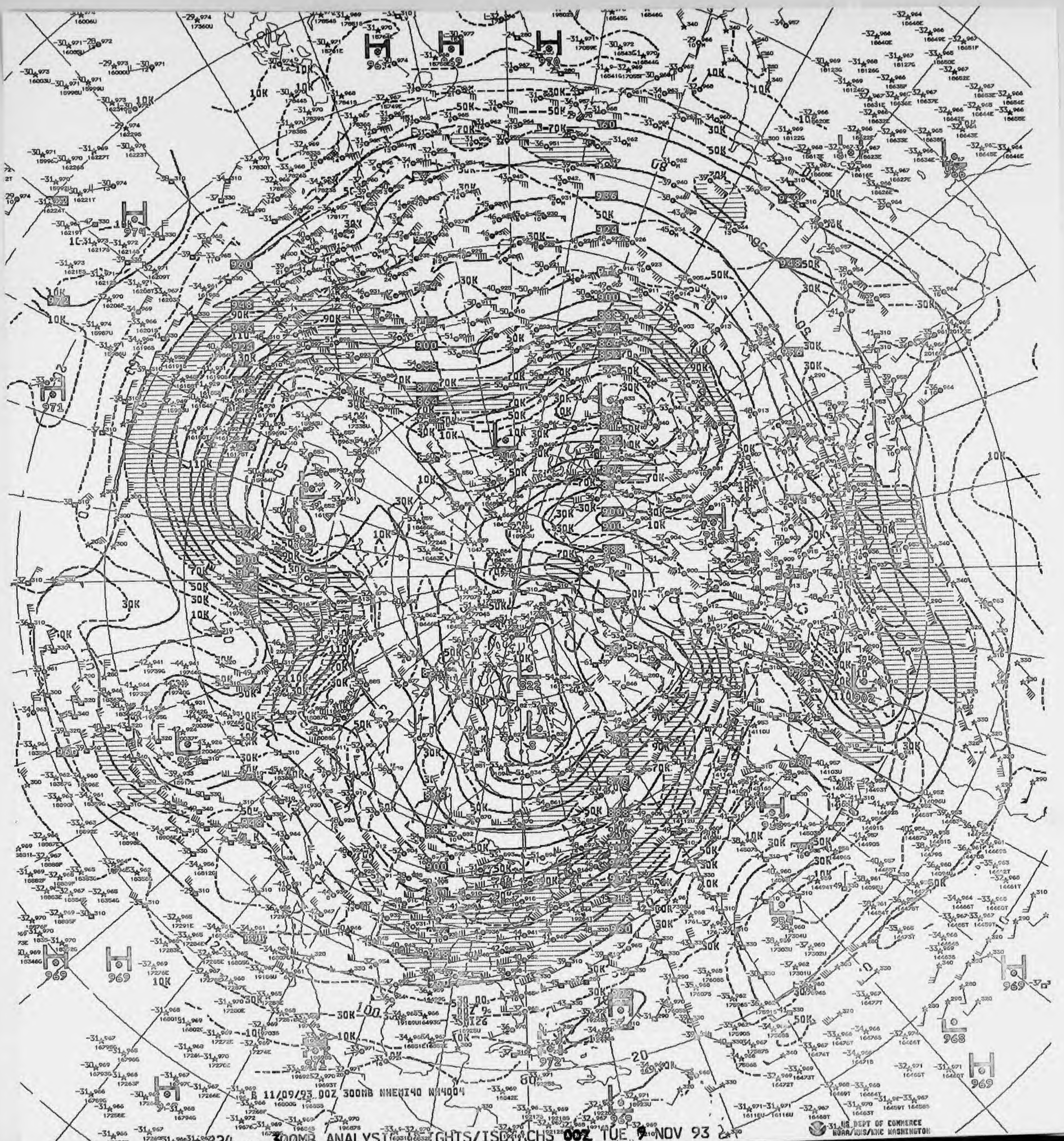
SM126

V374 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 8 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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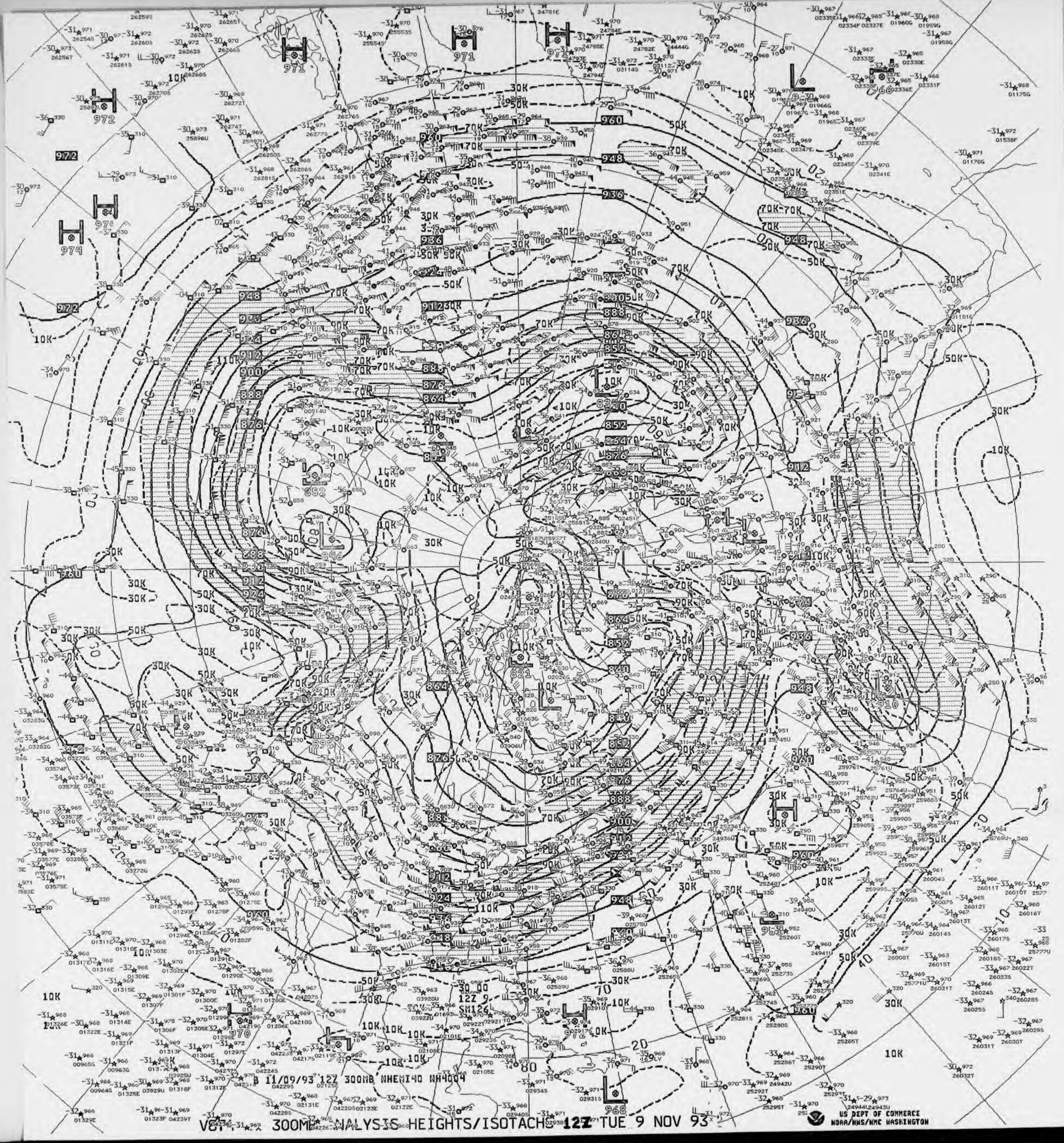
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 11/09/93 12Z 300MB NHEMI40 NH4004
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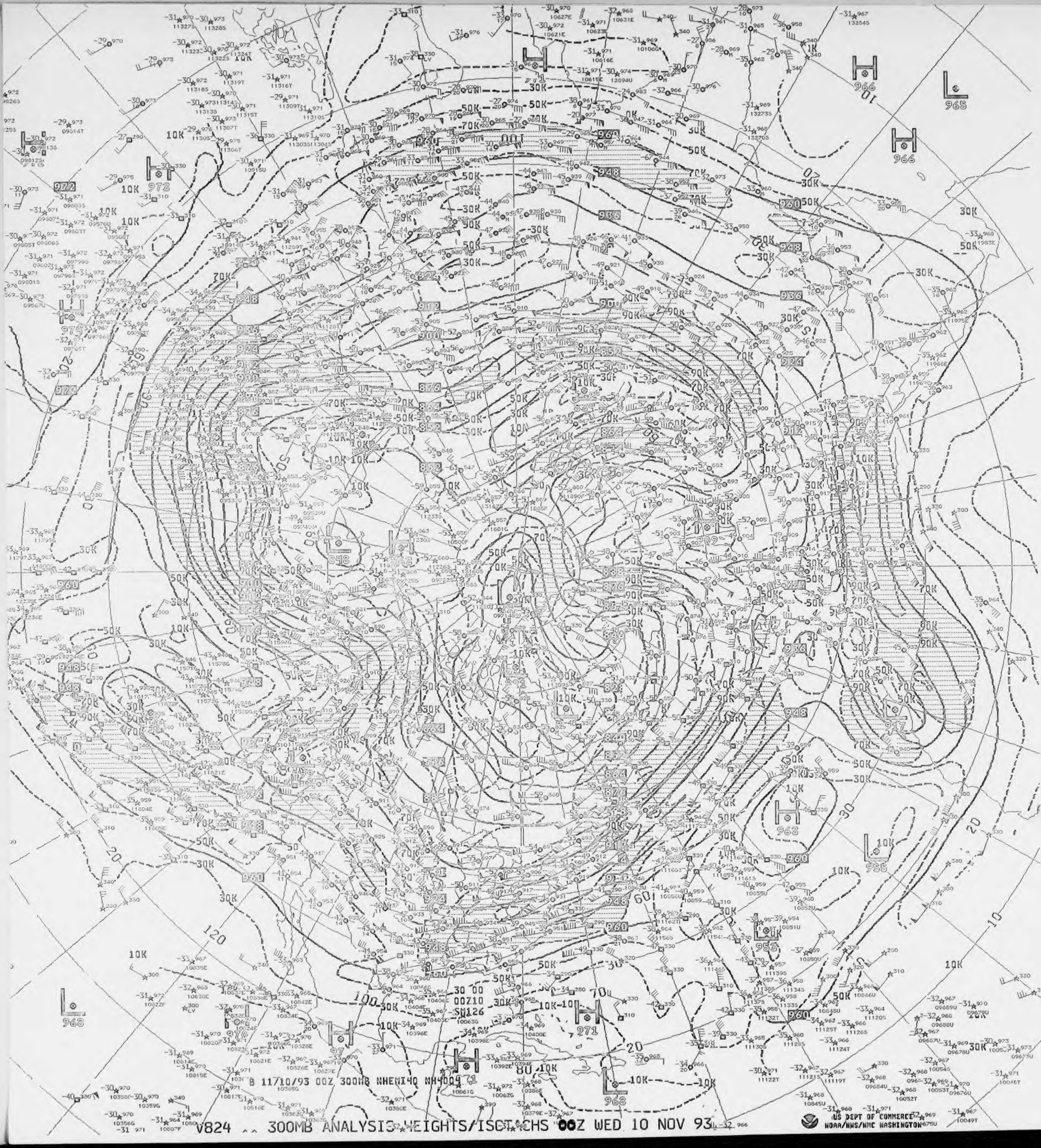
V81 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 9 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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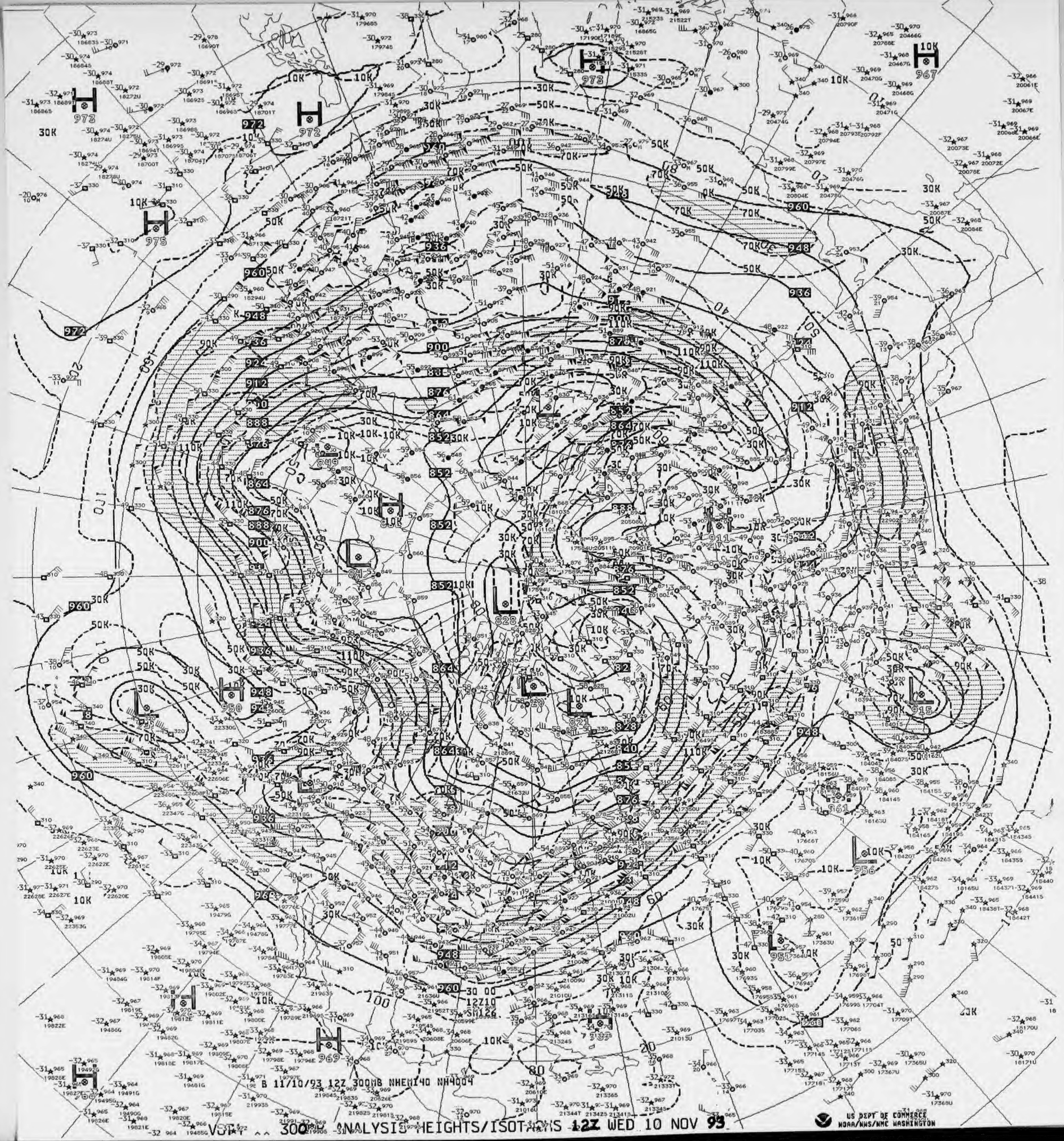
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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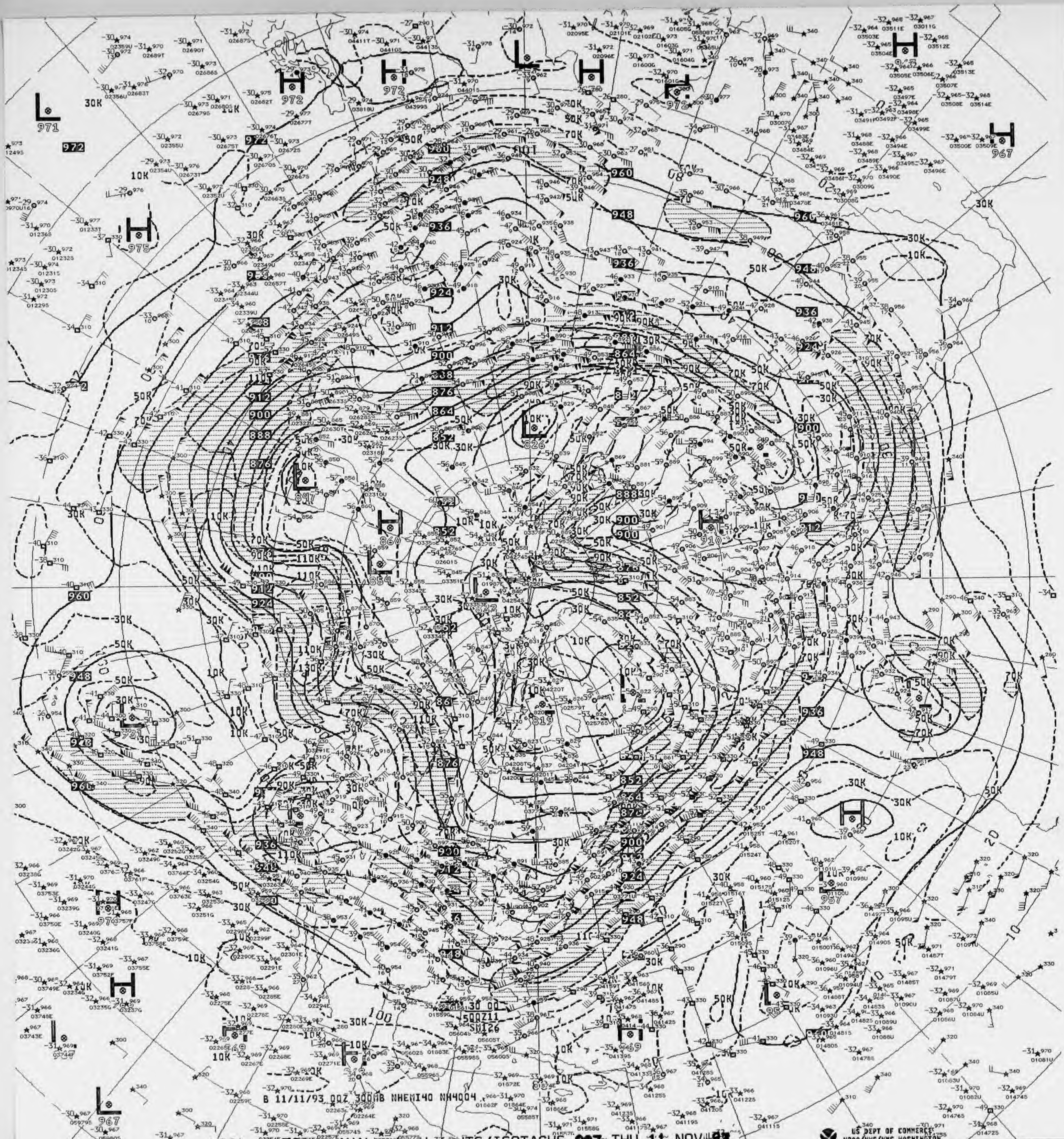
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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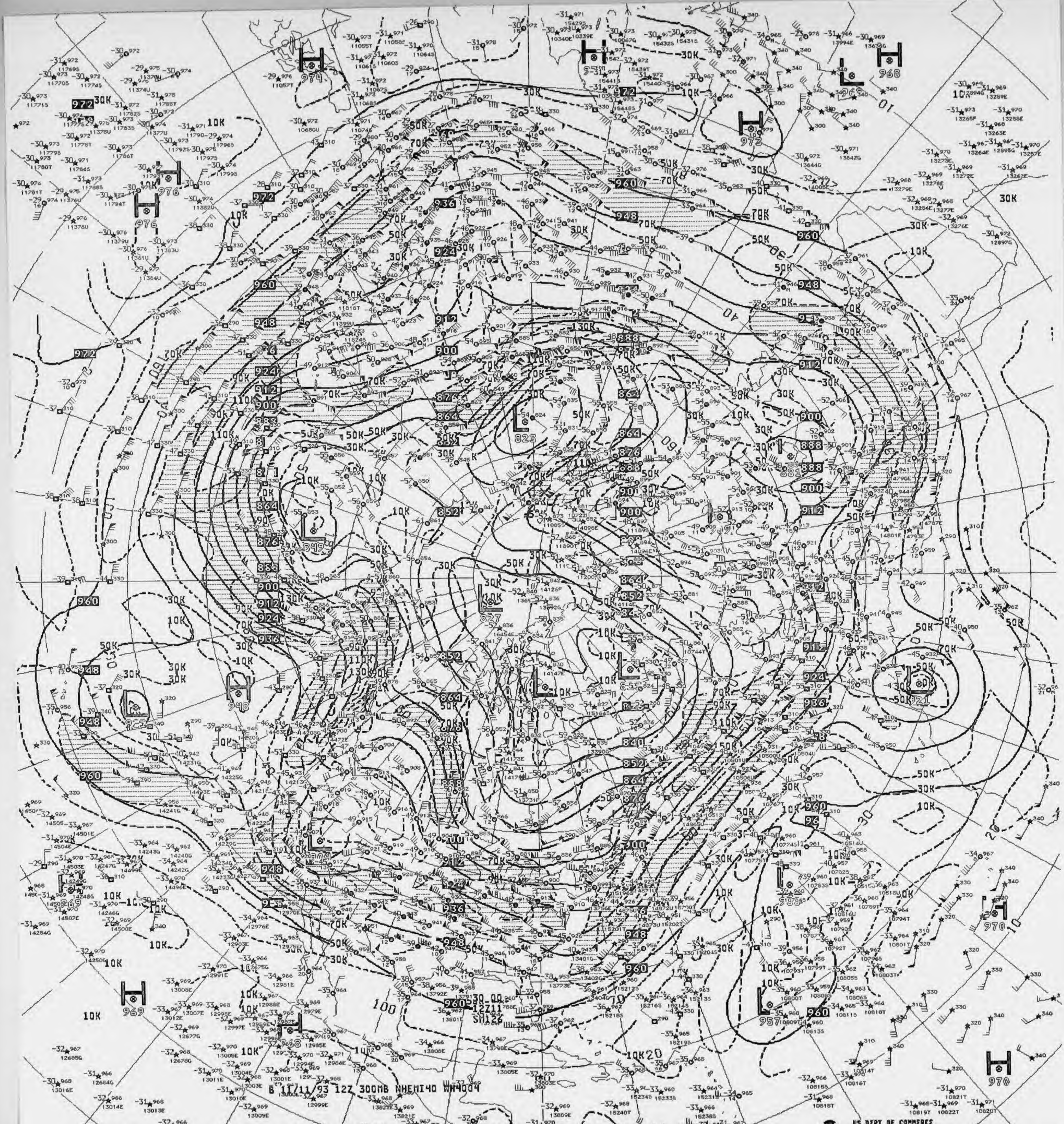
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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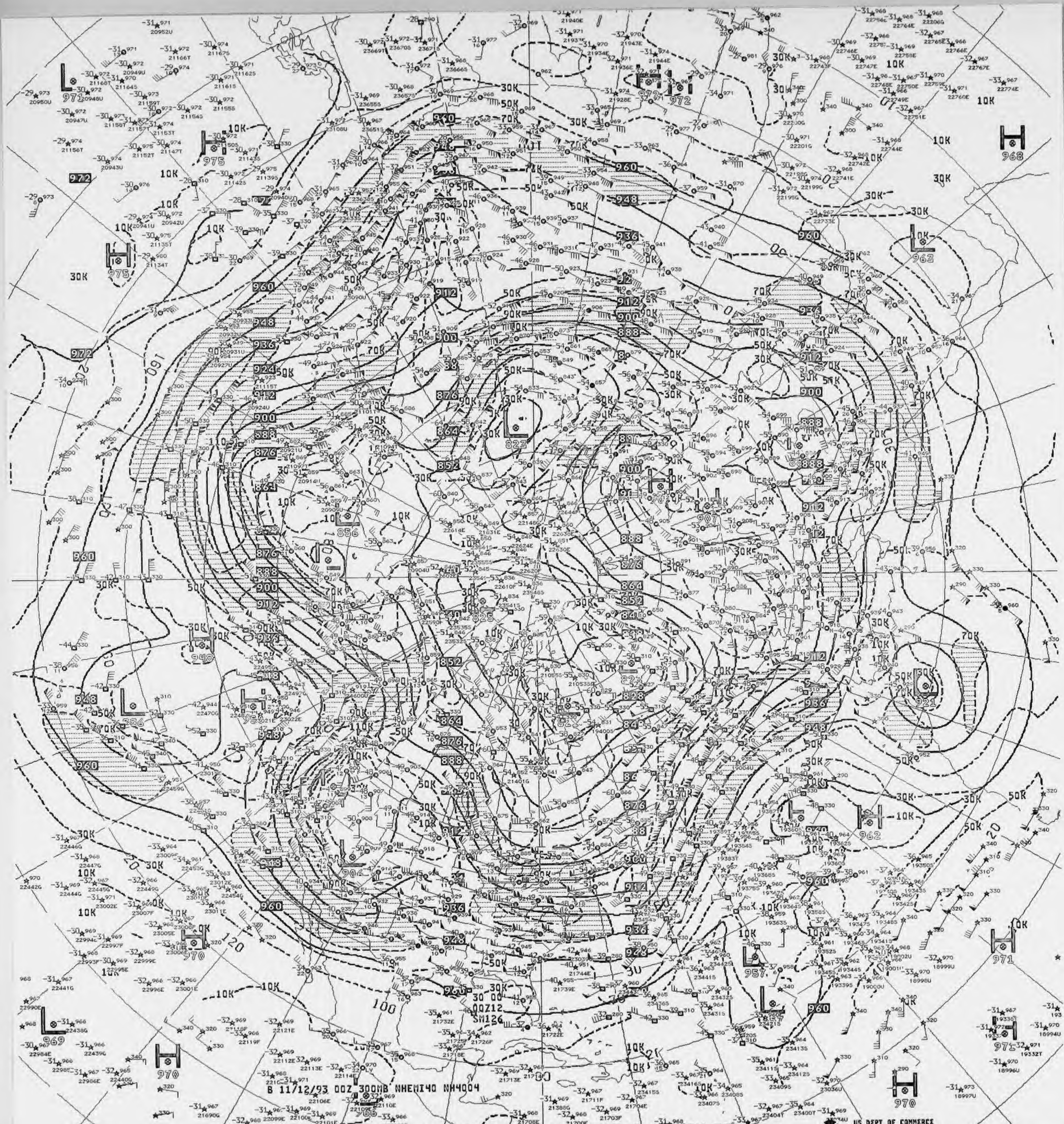
US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON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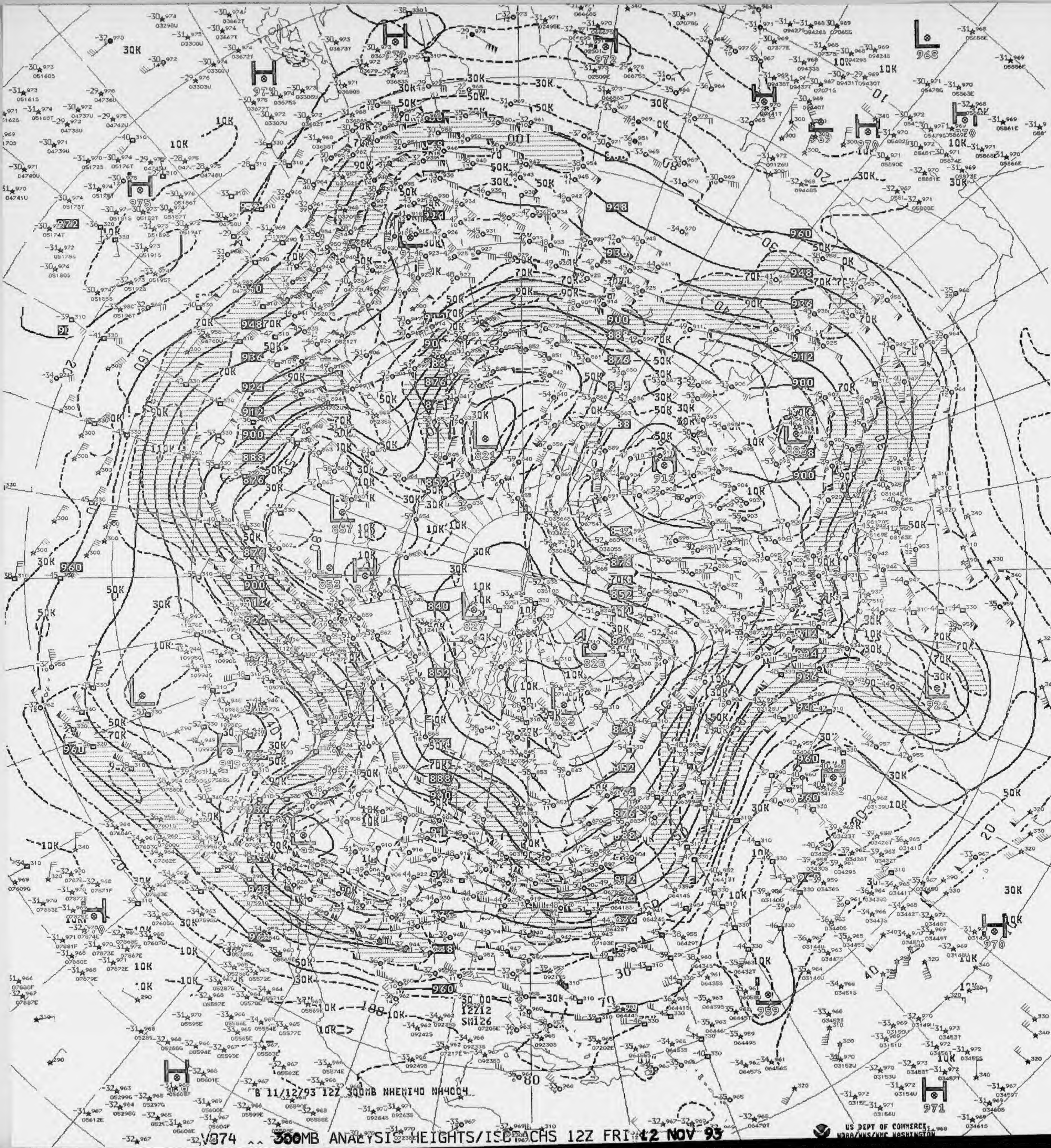
824 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 12 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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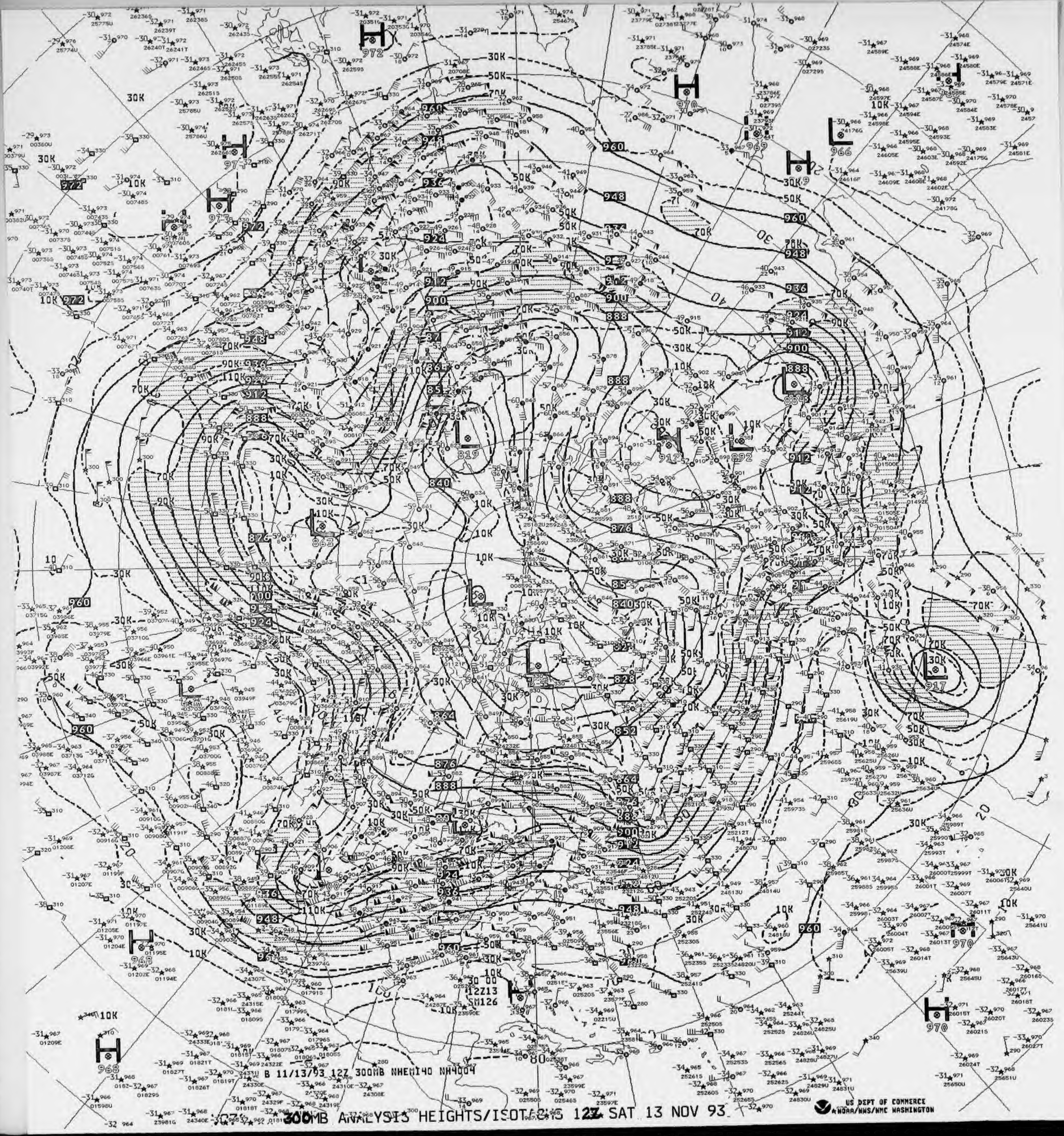
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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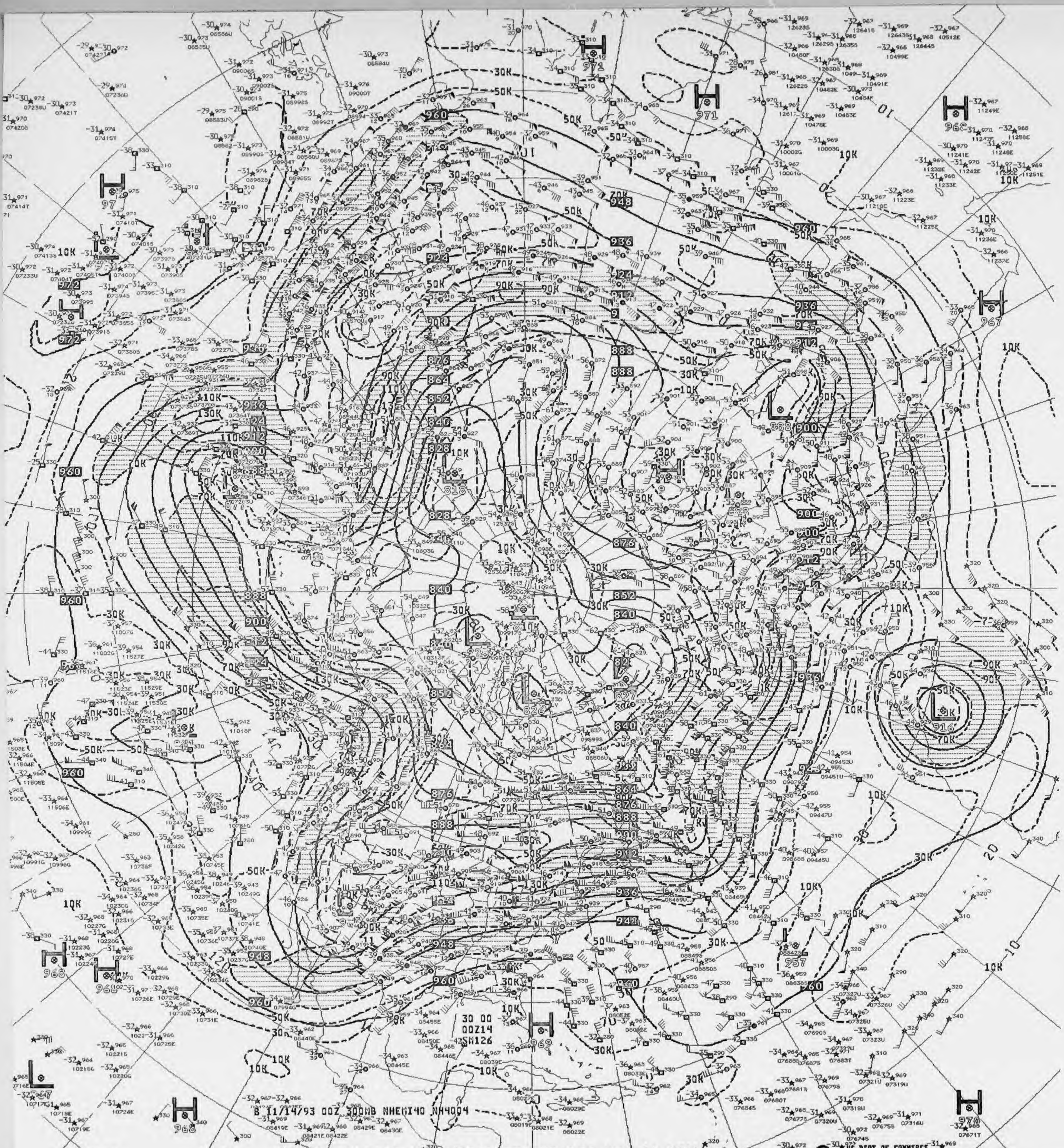
SM126
B 11/13/93 12Z 300MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 13 NOV 93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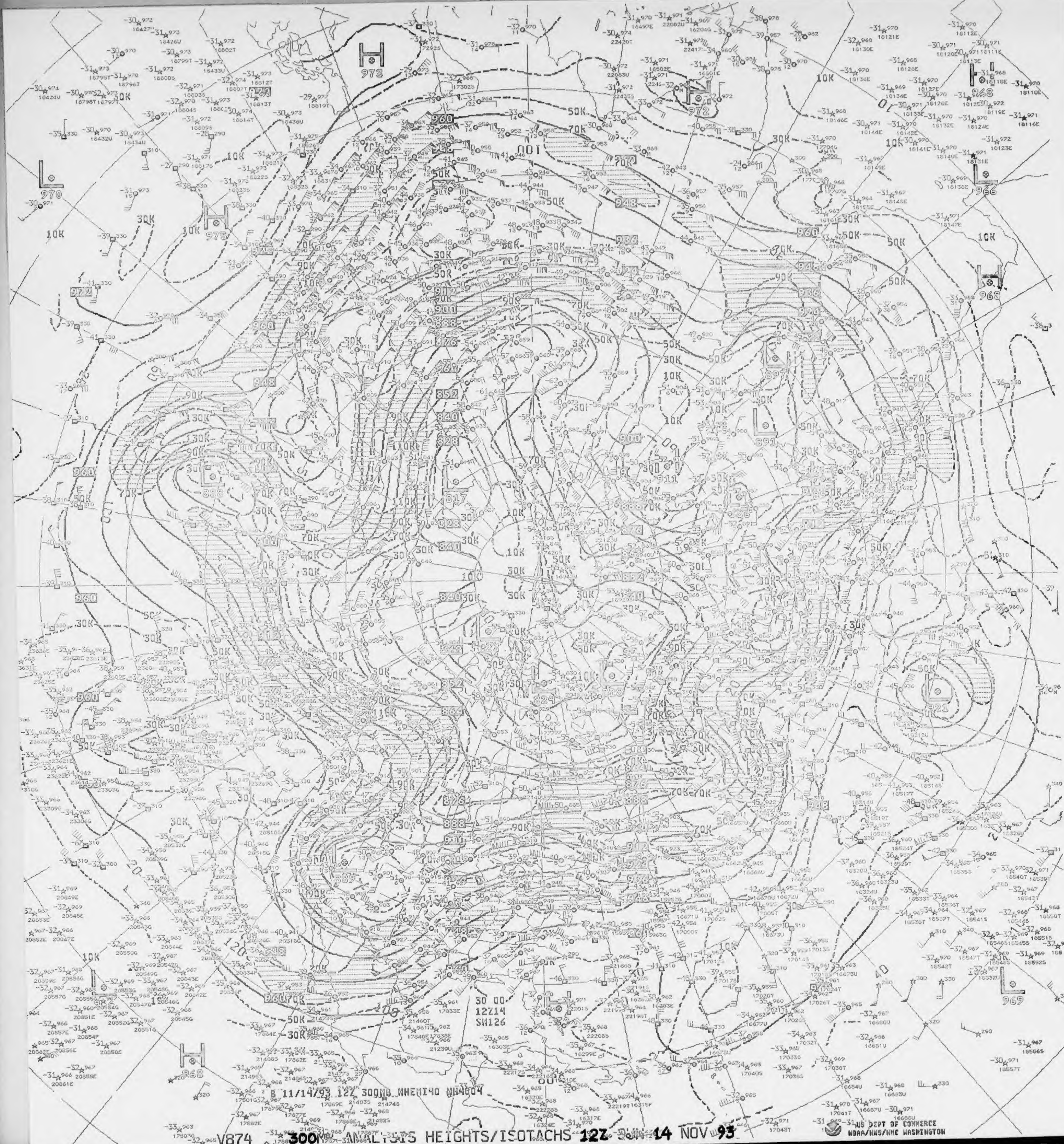
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 14 NOV 93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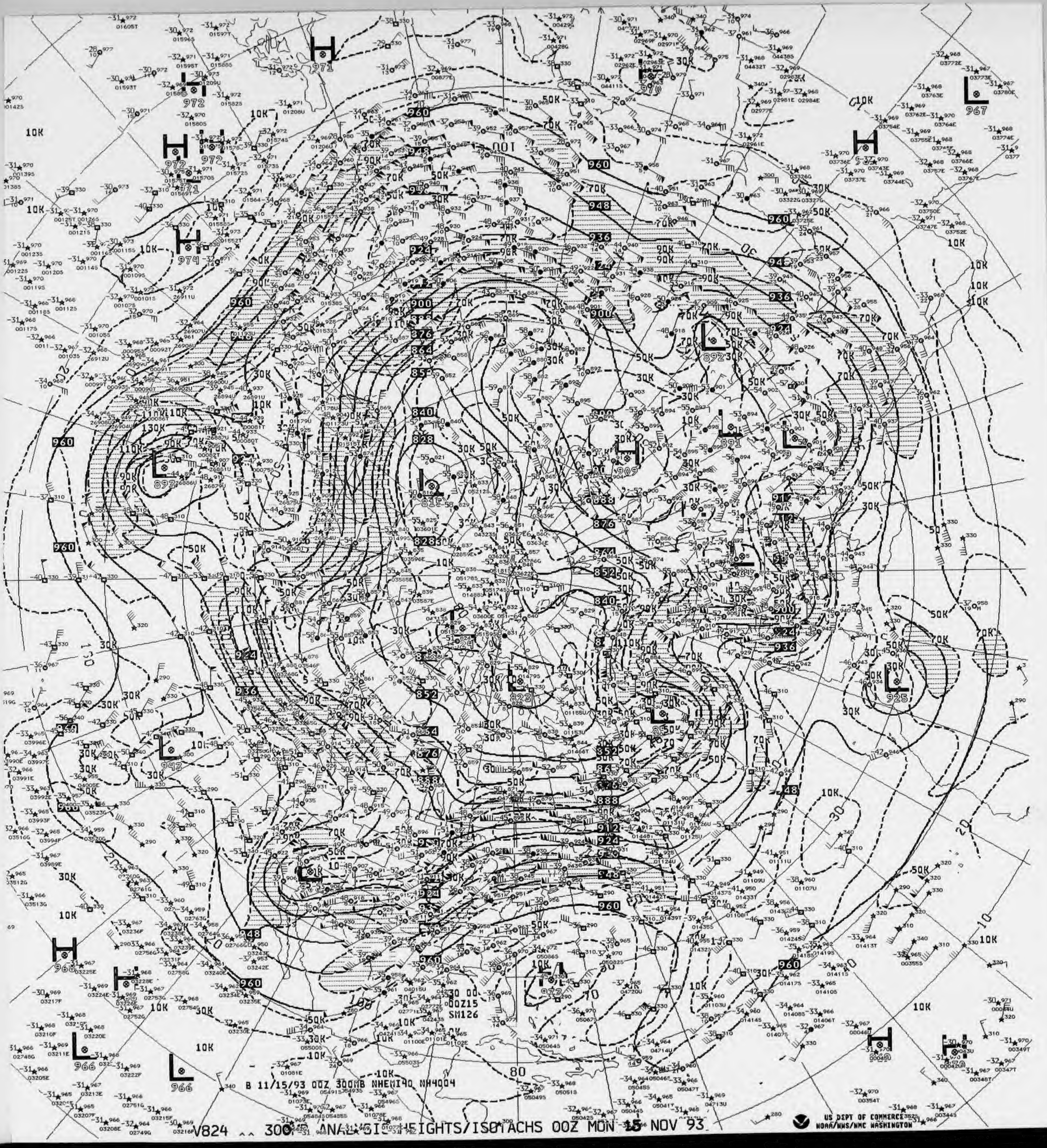
30 00.
12Z14
SM126
B 11/14/93 12Z 300MB NHEMI40 NH4004

V874 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 14 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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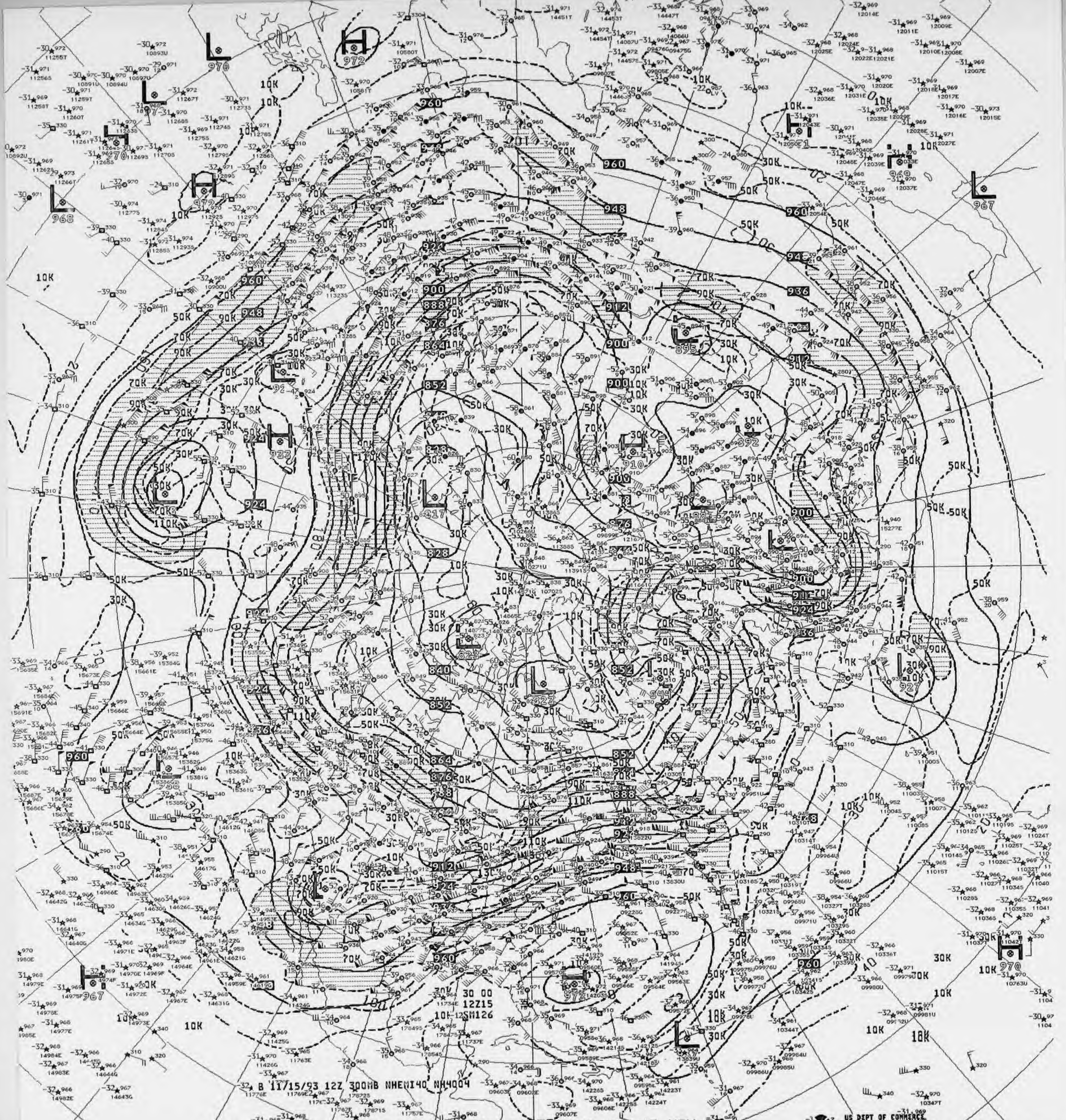
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 15 NOV 93



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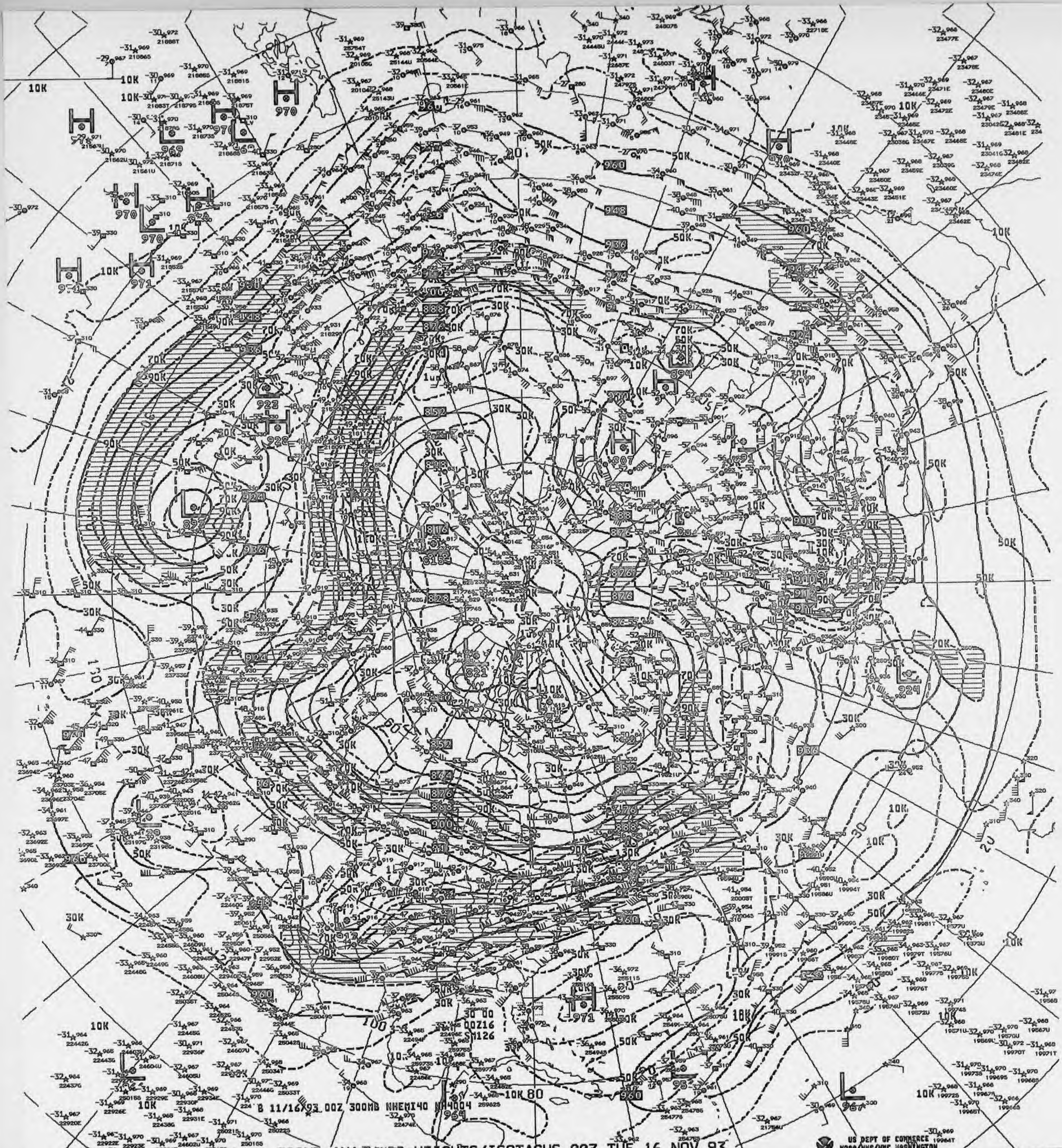
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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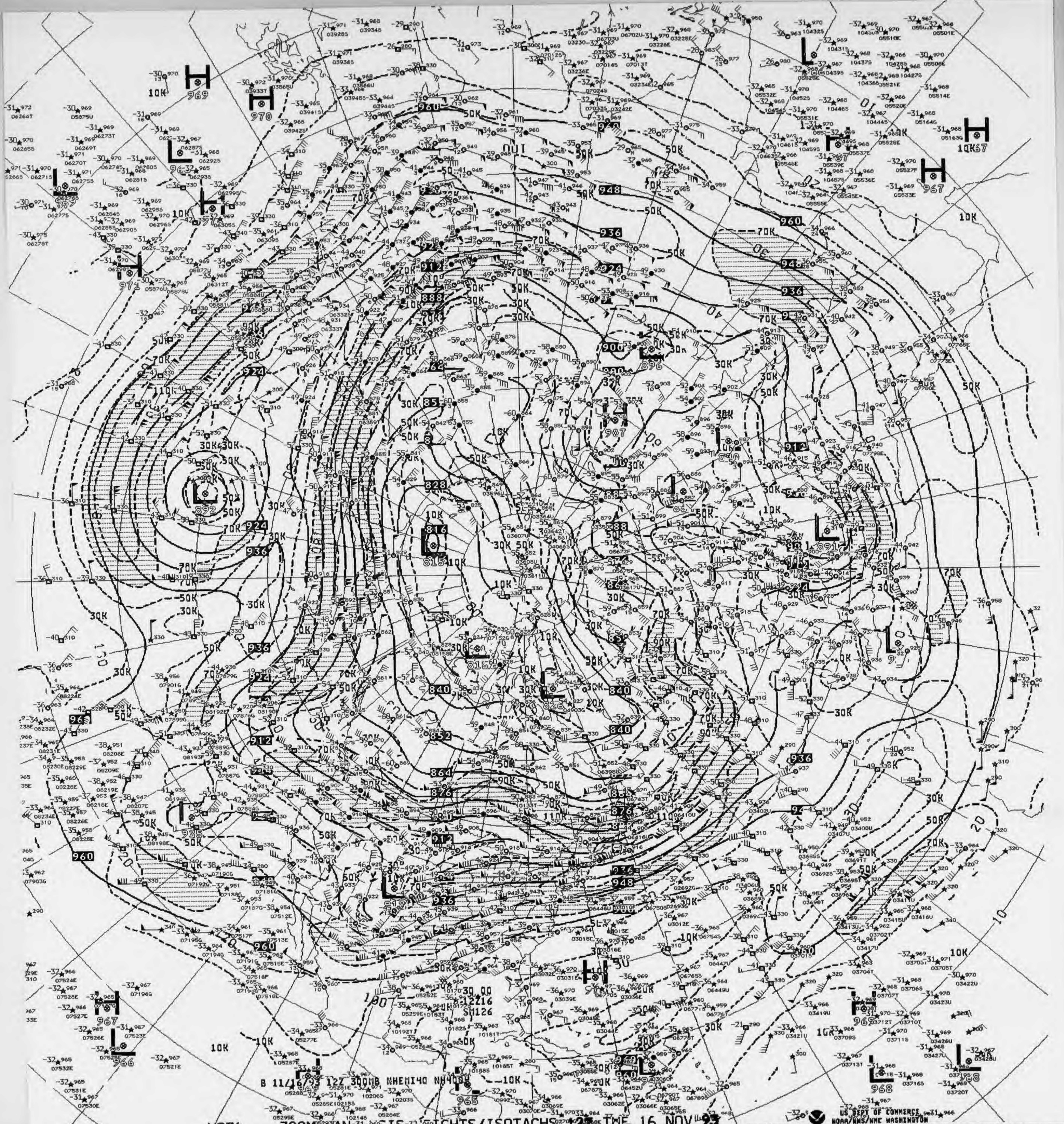
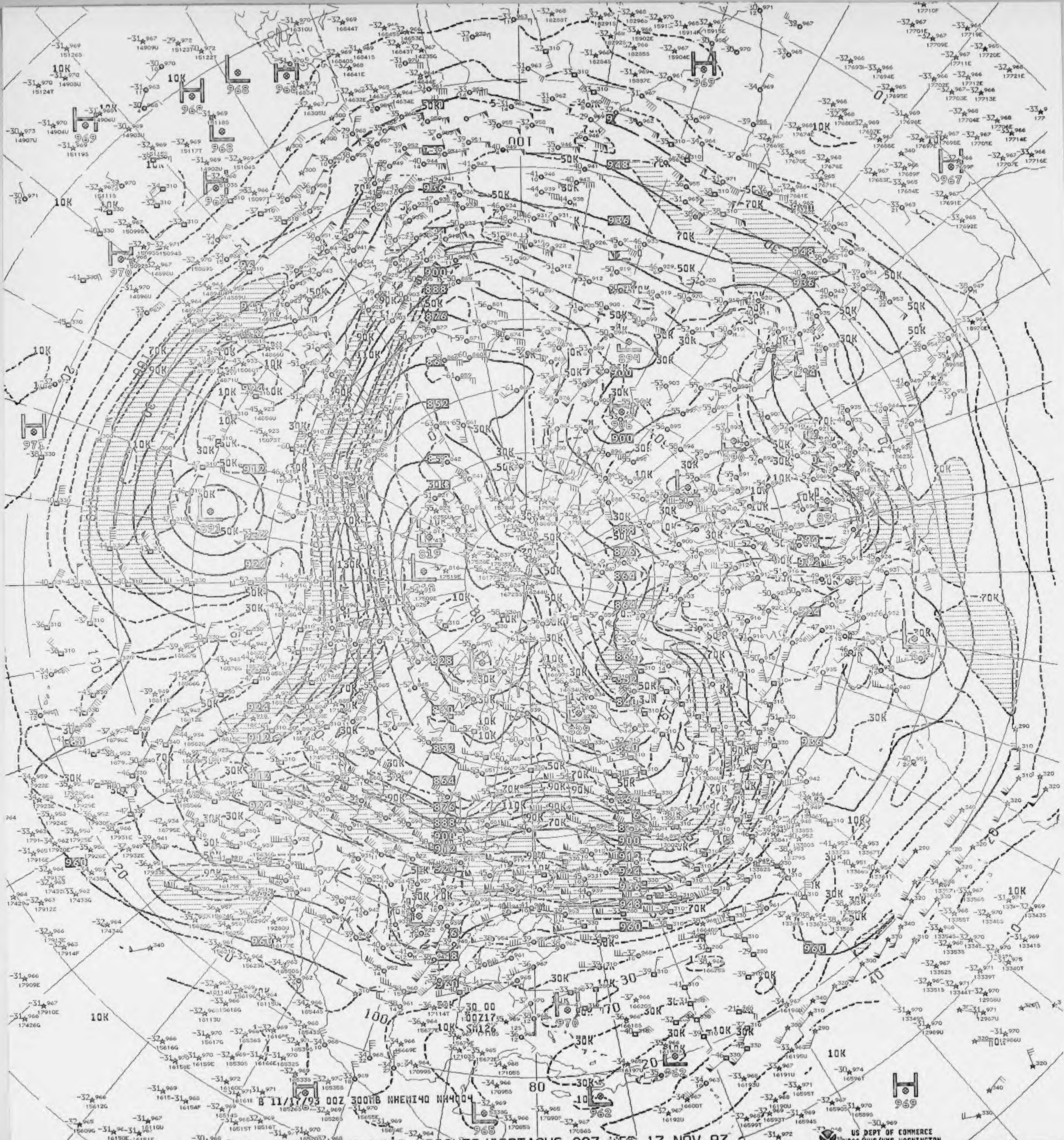
V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 16 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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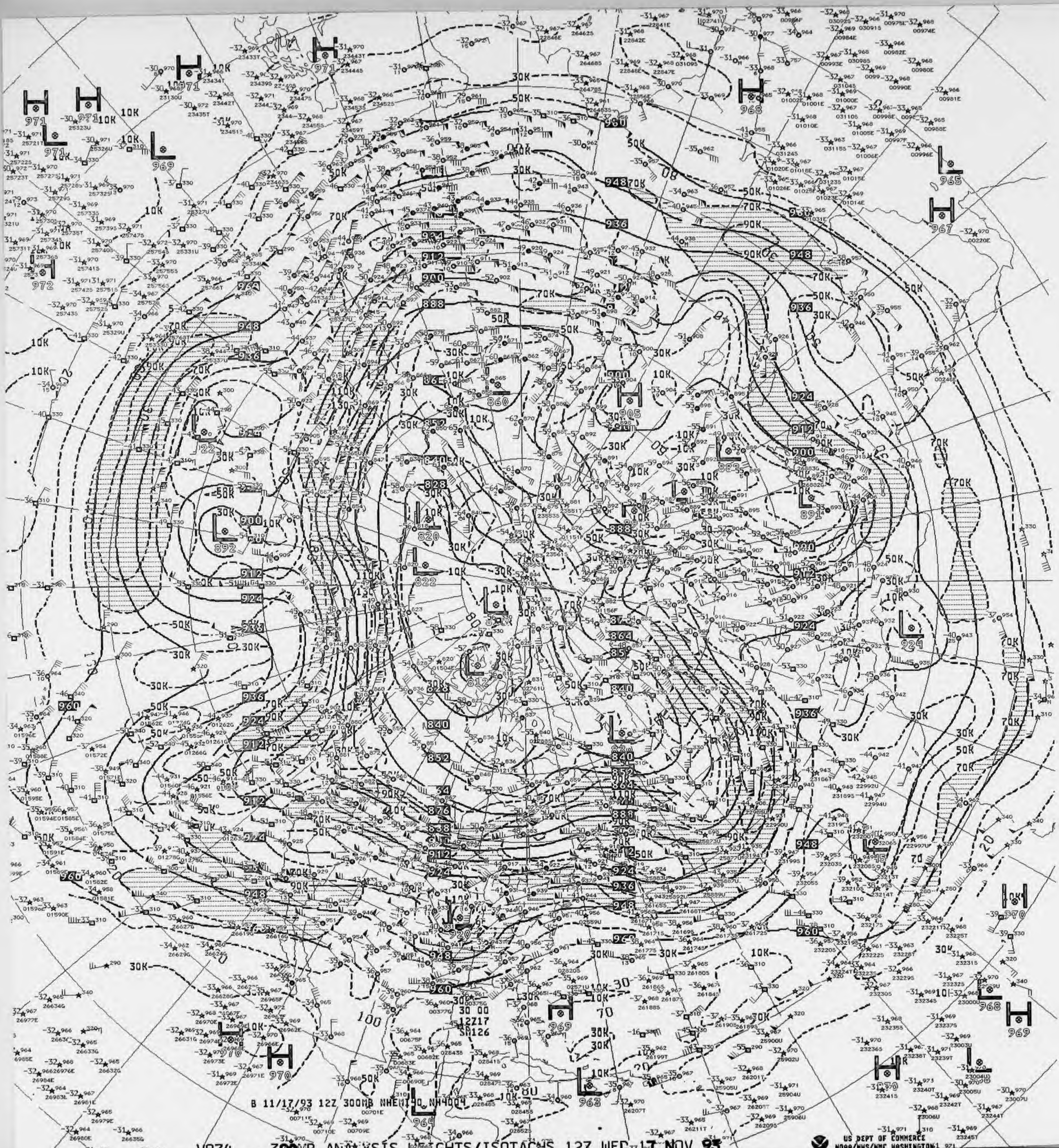
NOAA/NWS/NMC WASHINGTON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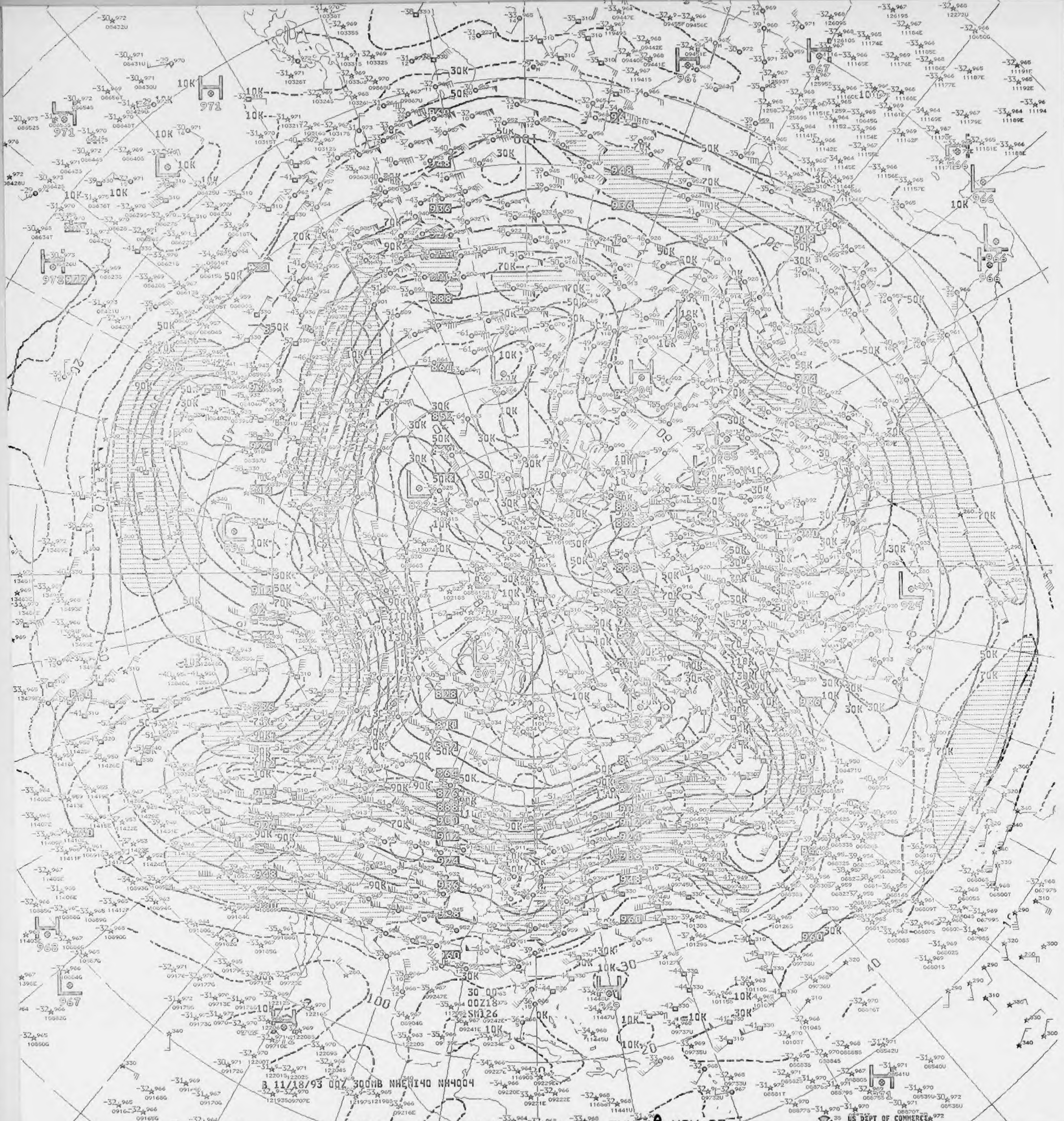
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON-1 971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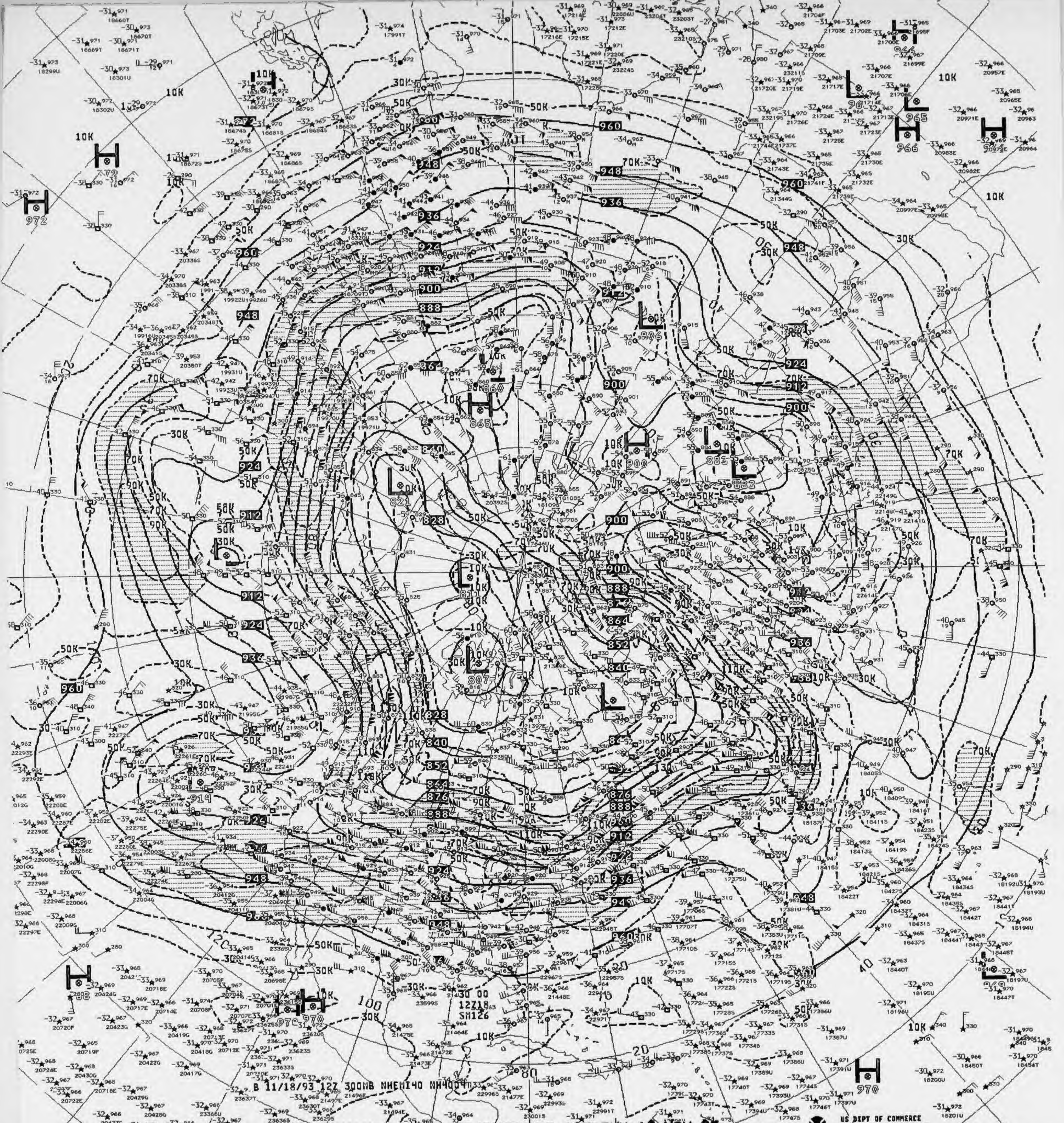
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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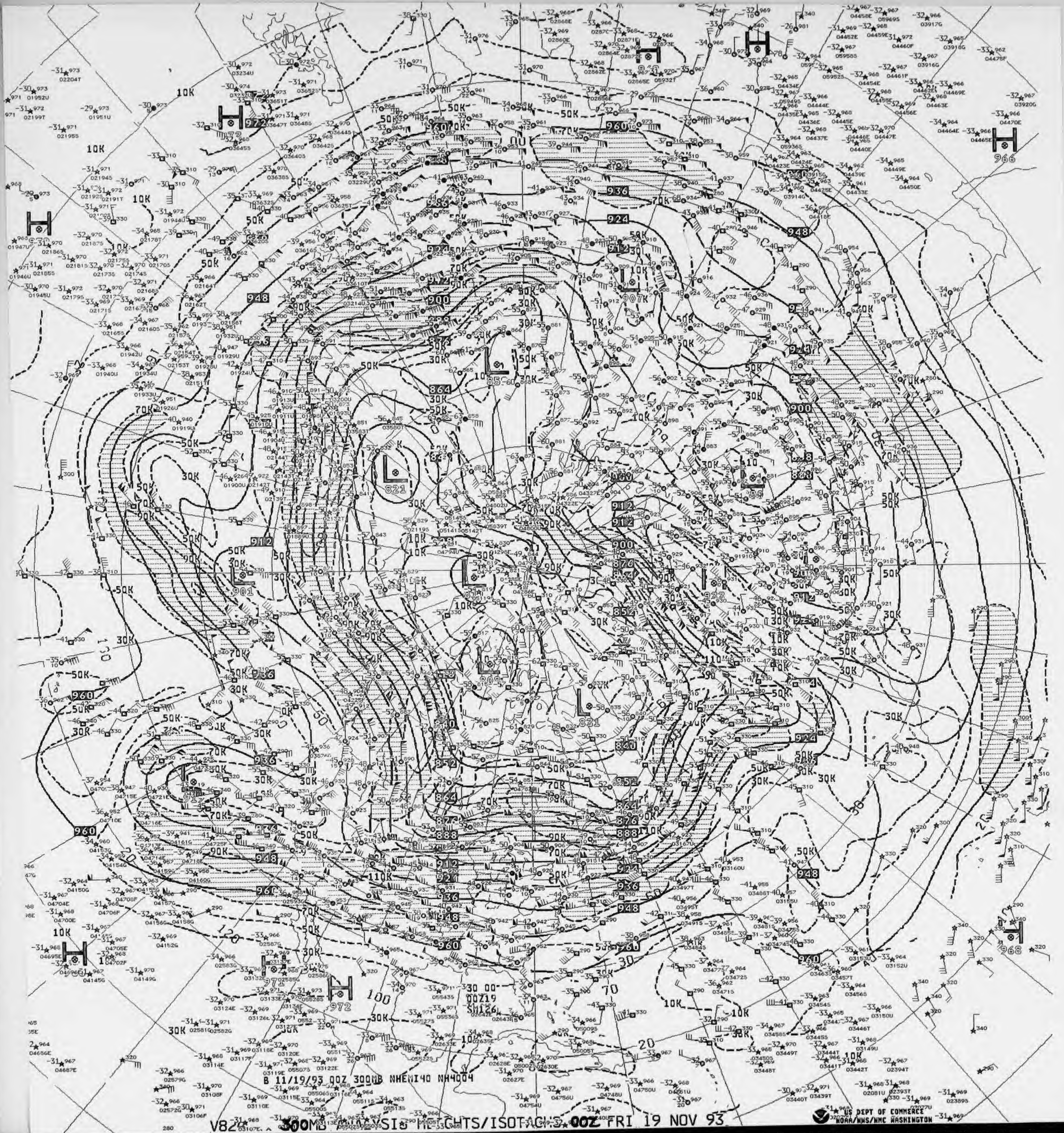
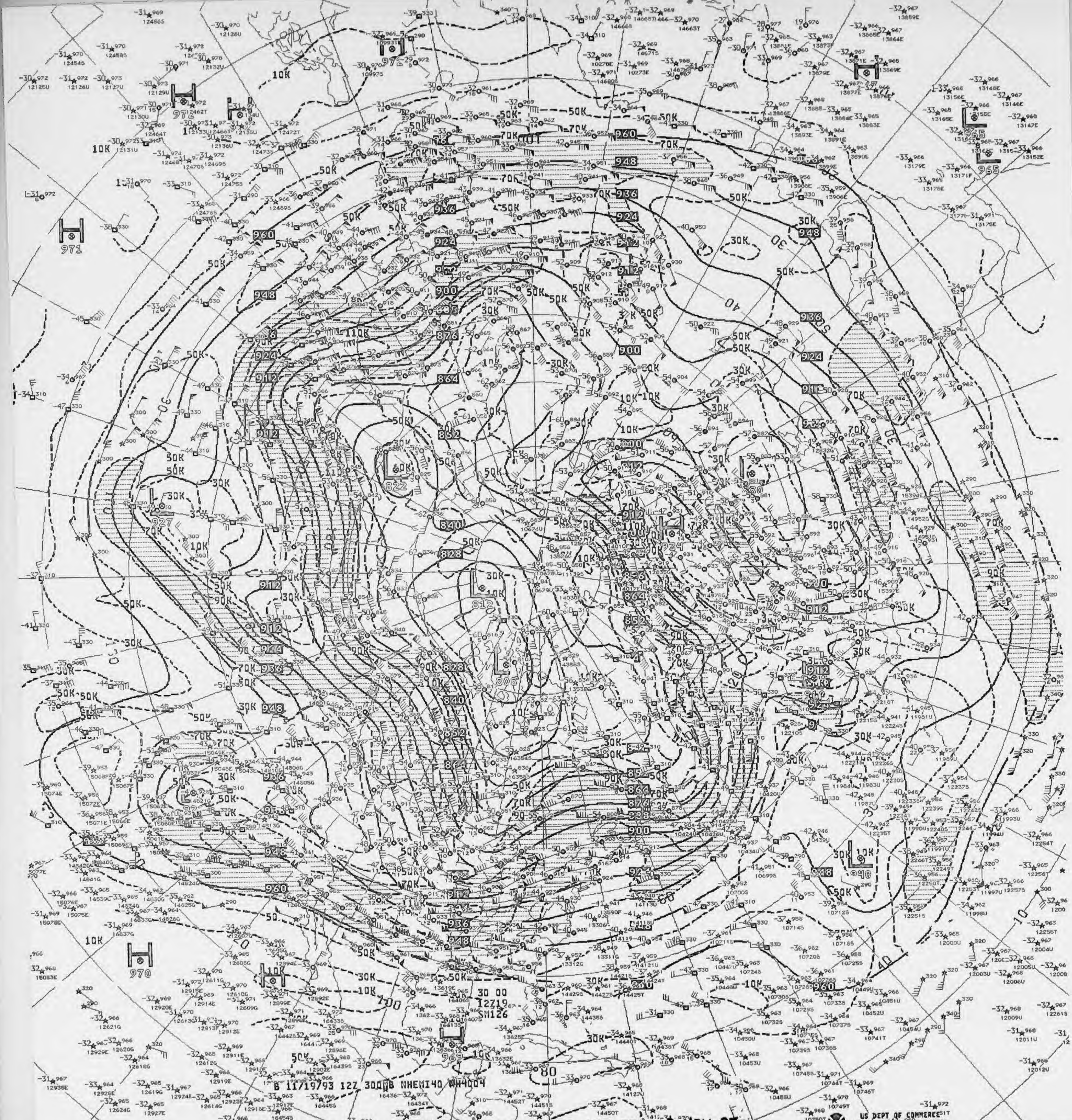
NOAA/NWS/NMC WASHINGTON



B 11/19/93 00Z 300MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V82 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 19 NOV 93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SH126
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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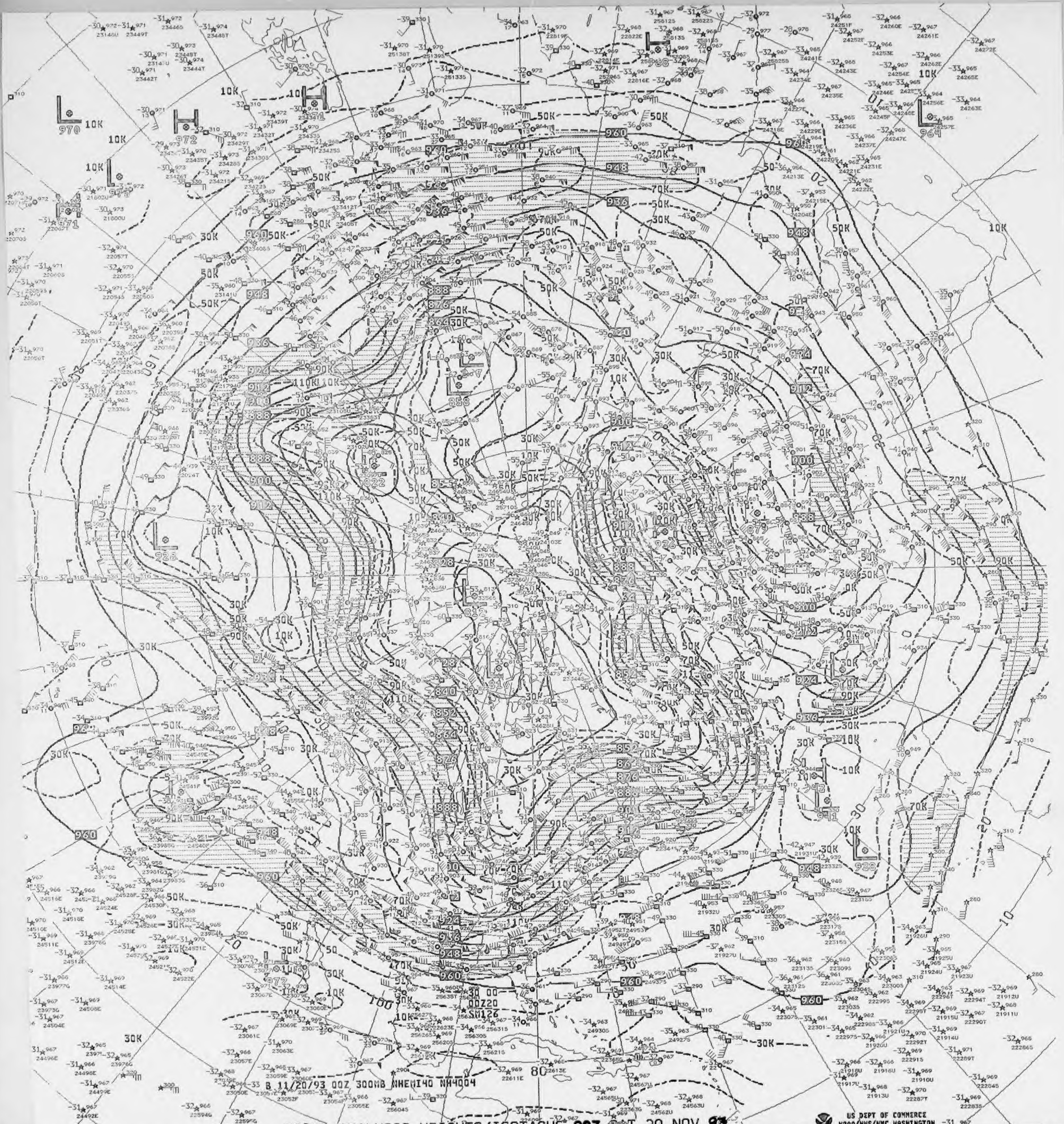
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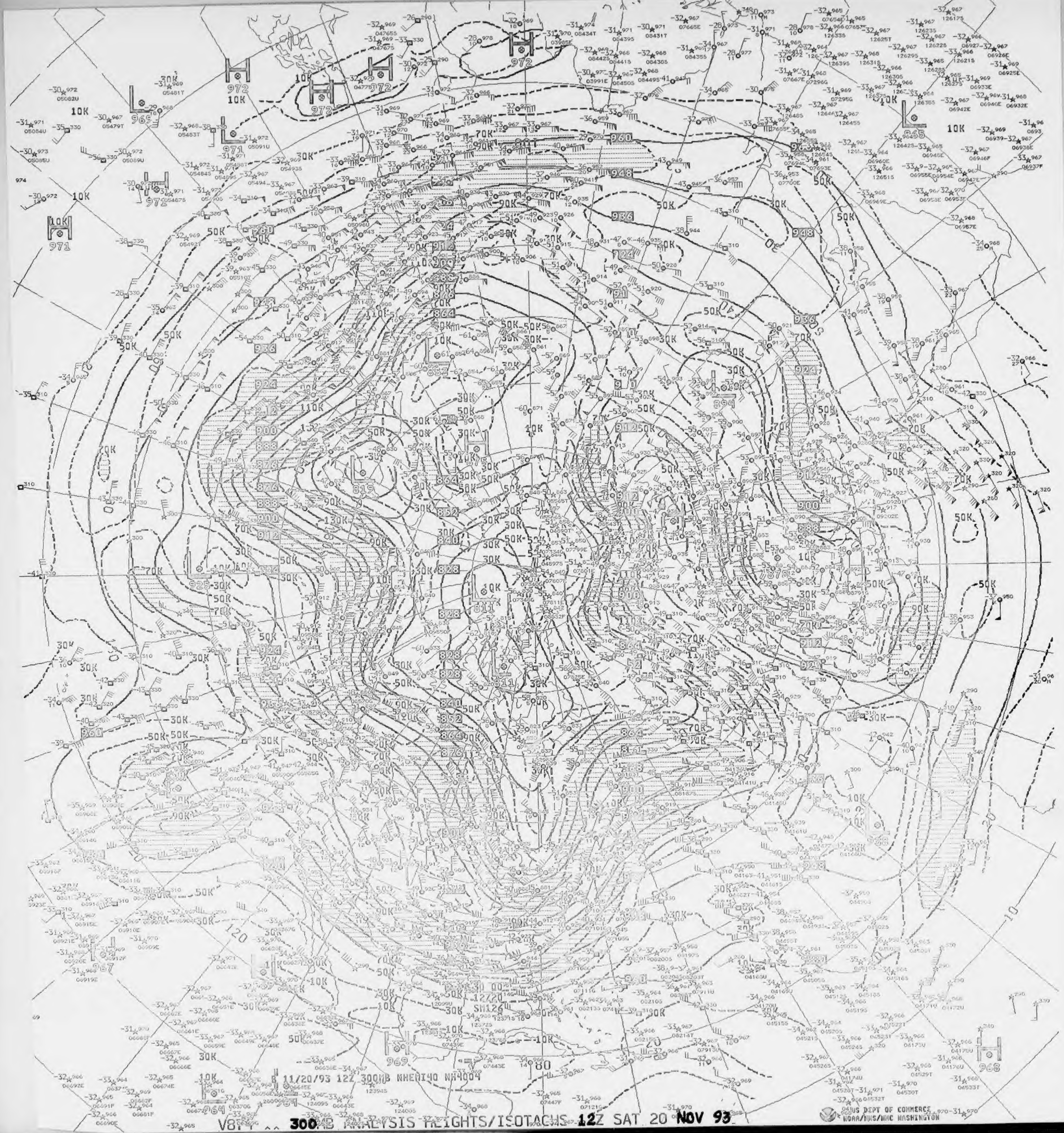
V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 20 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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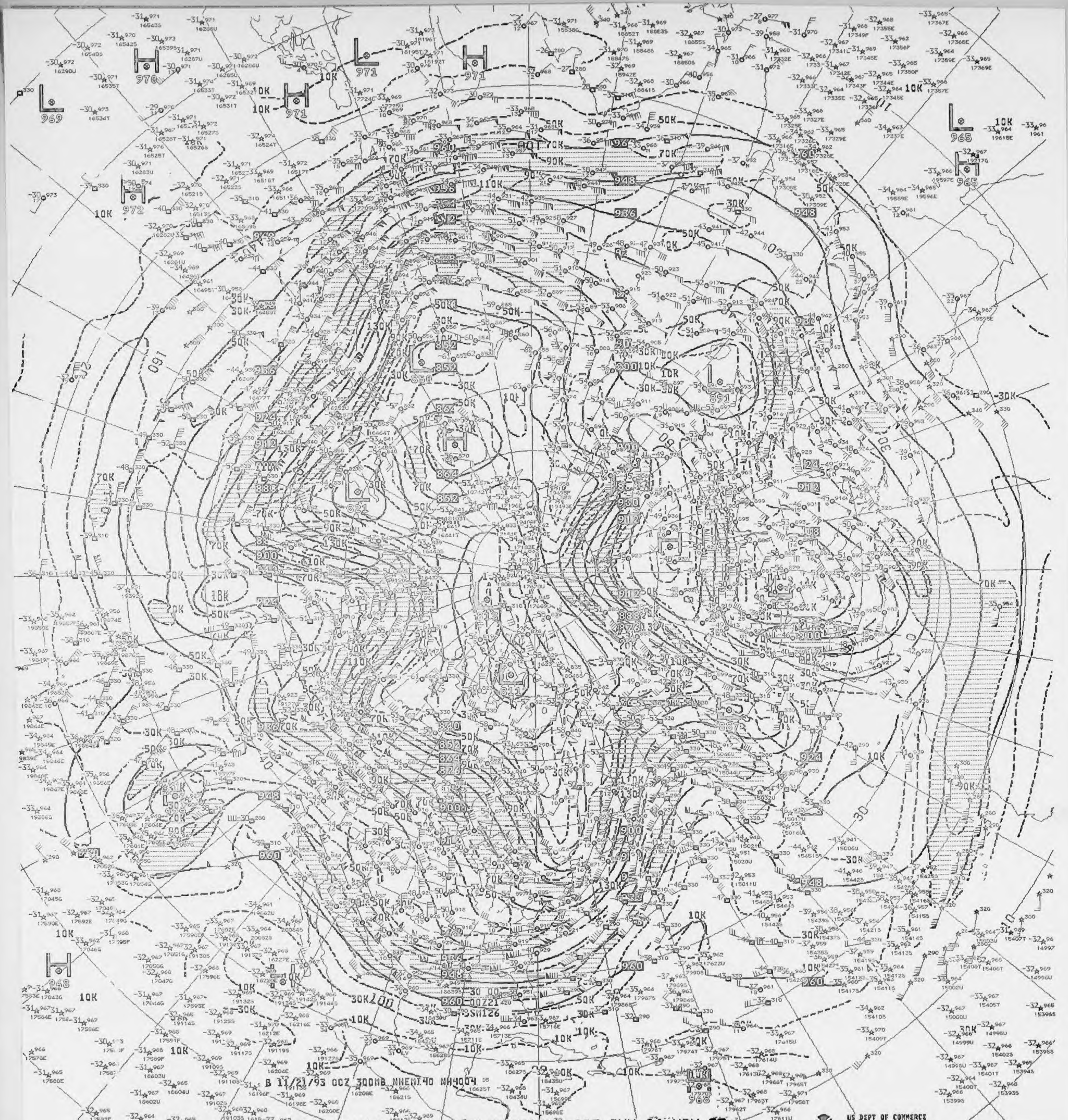
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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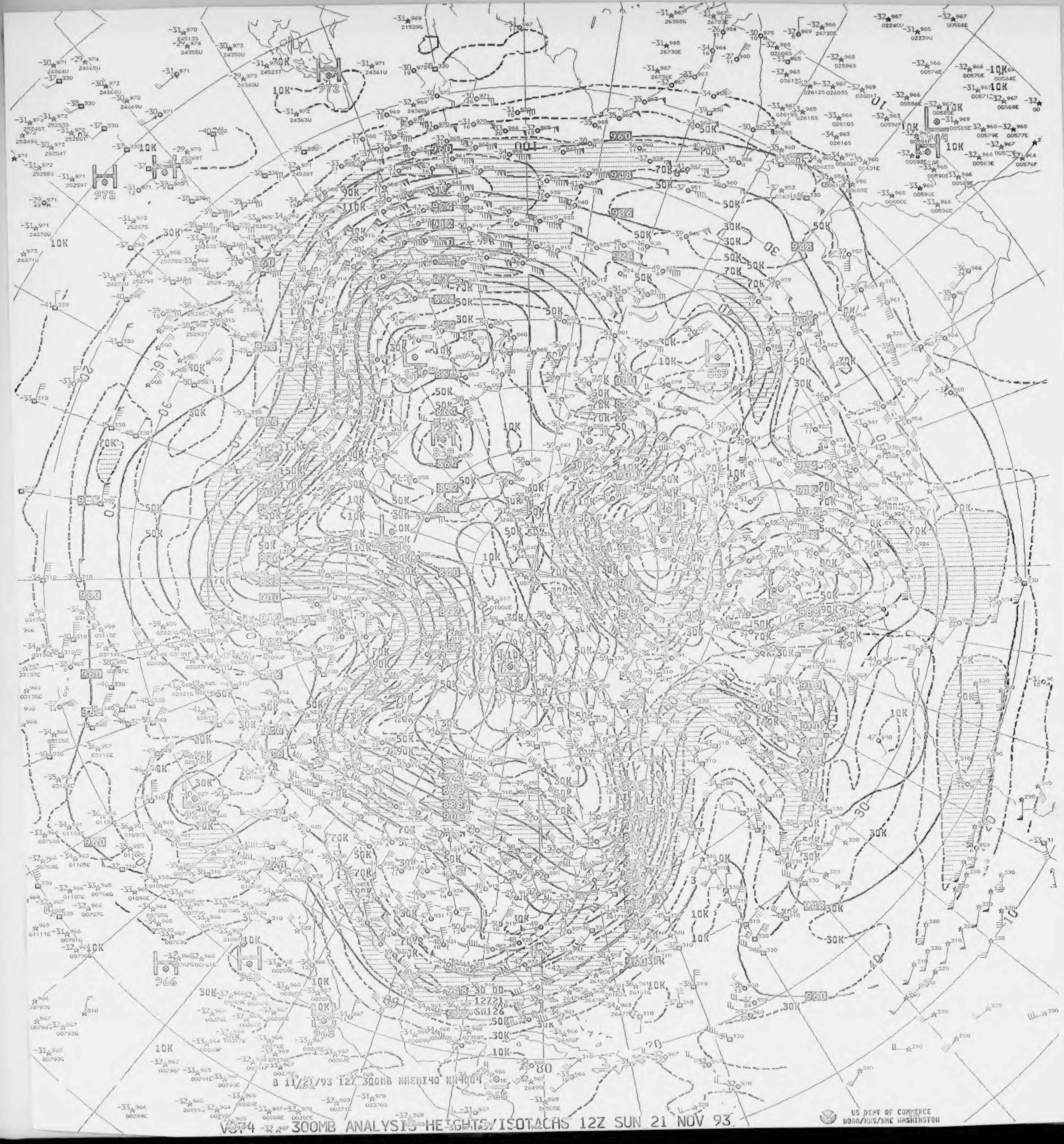
V824 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 21 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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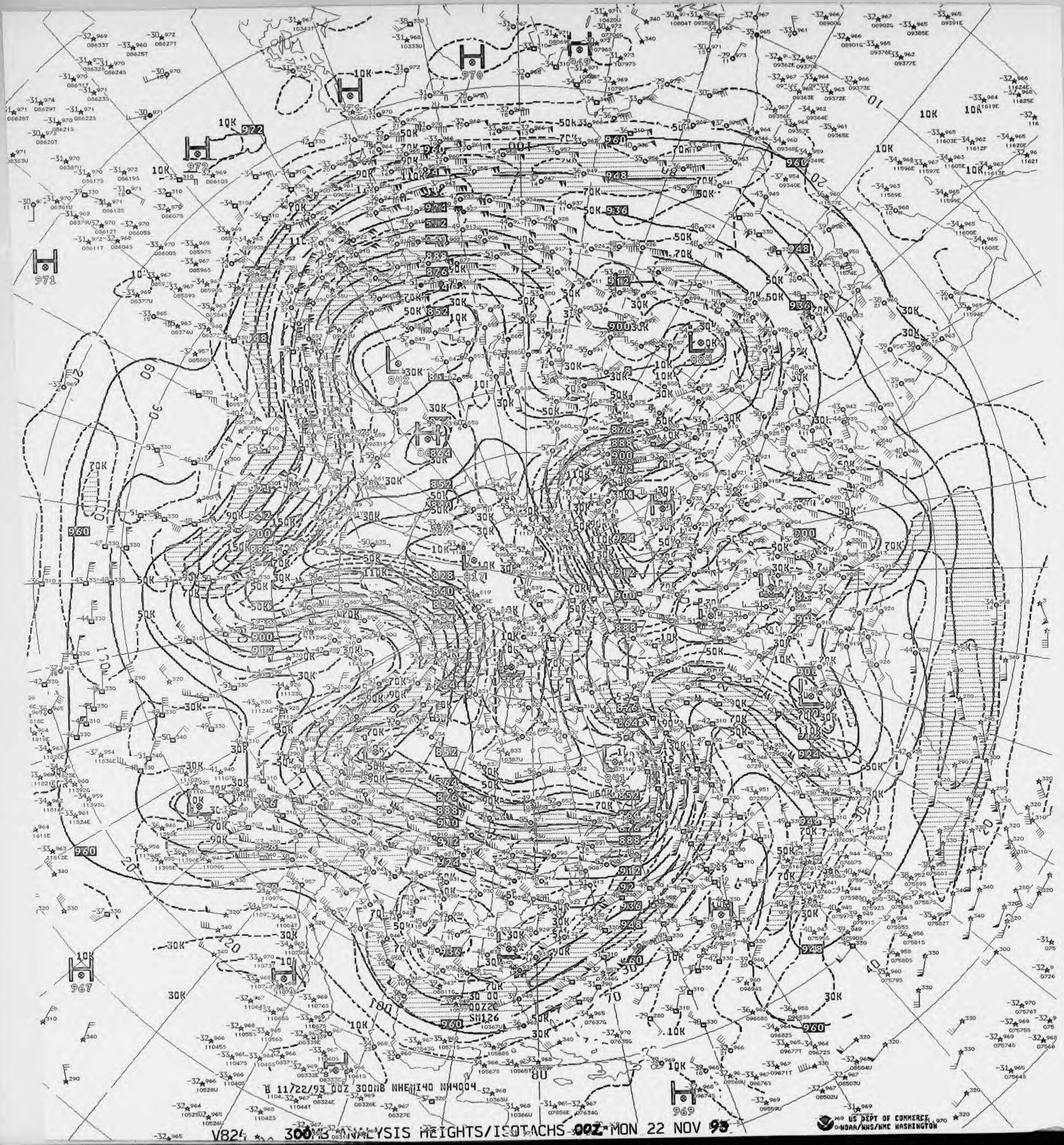
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V574 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 21 NOV 93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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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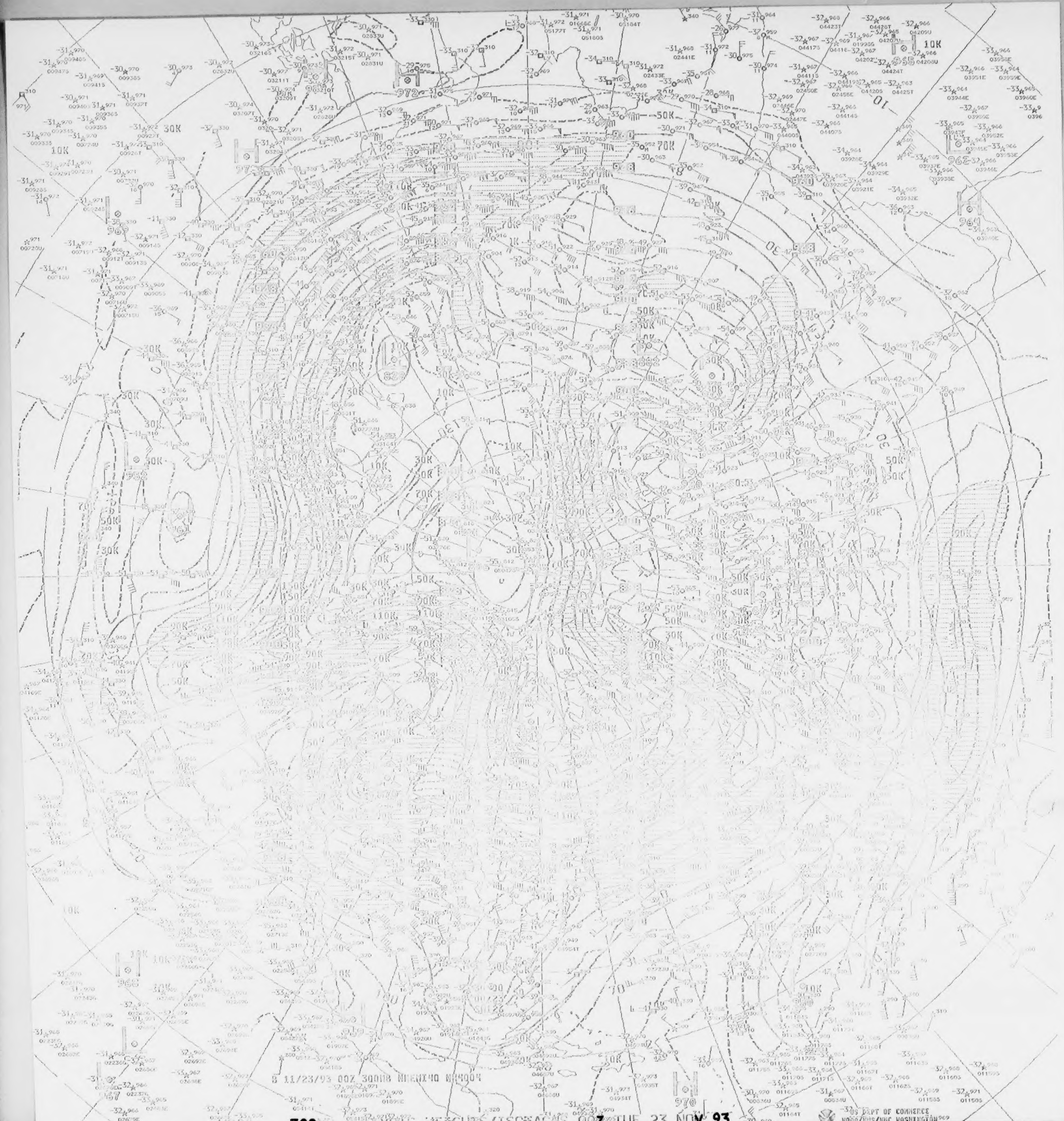
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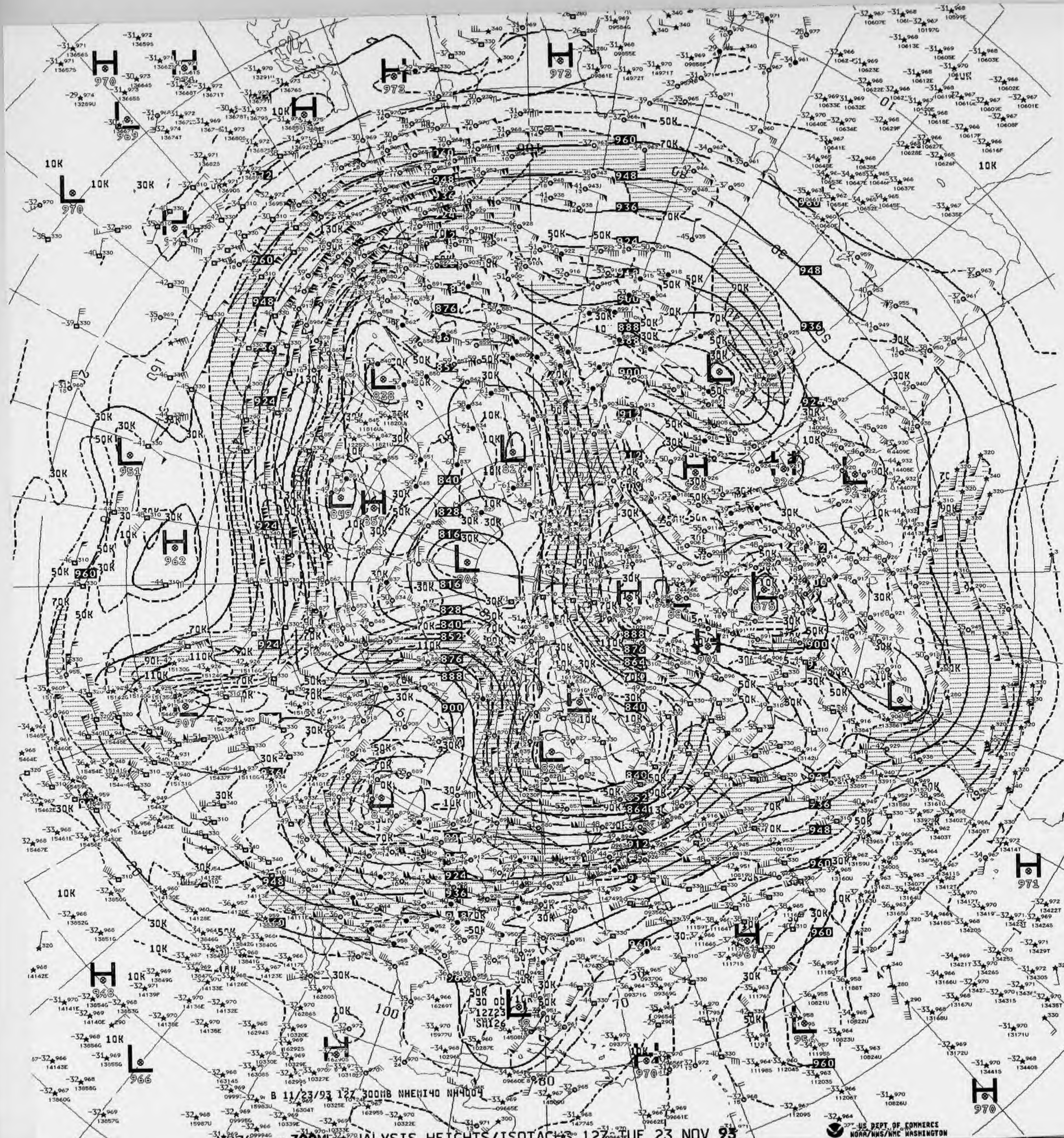
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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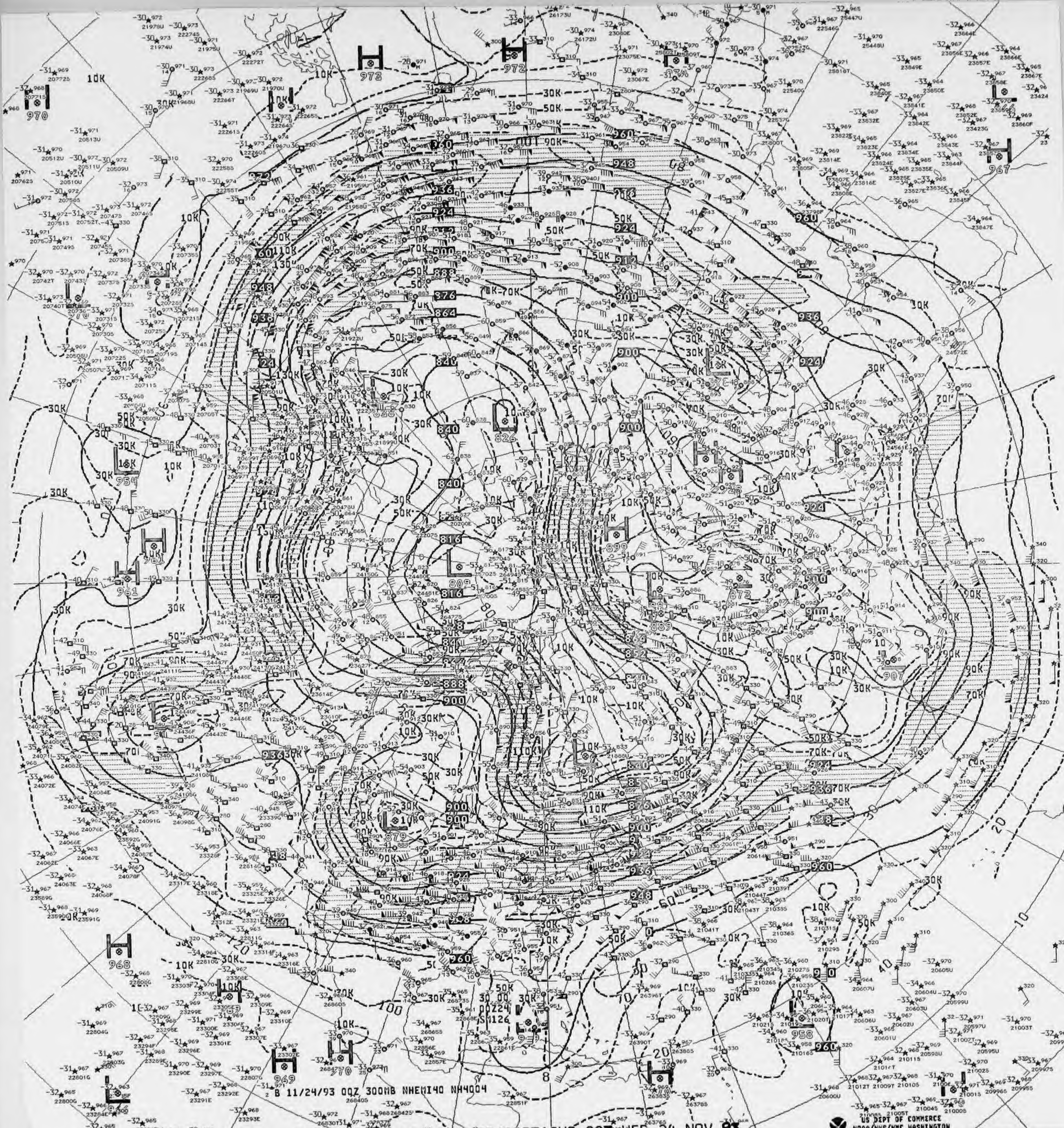
300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 23 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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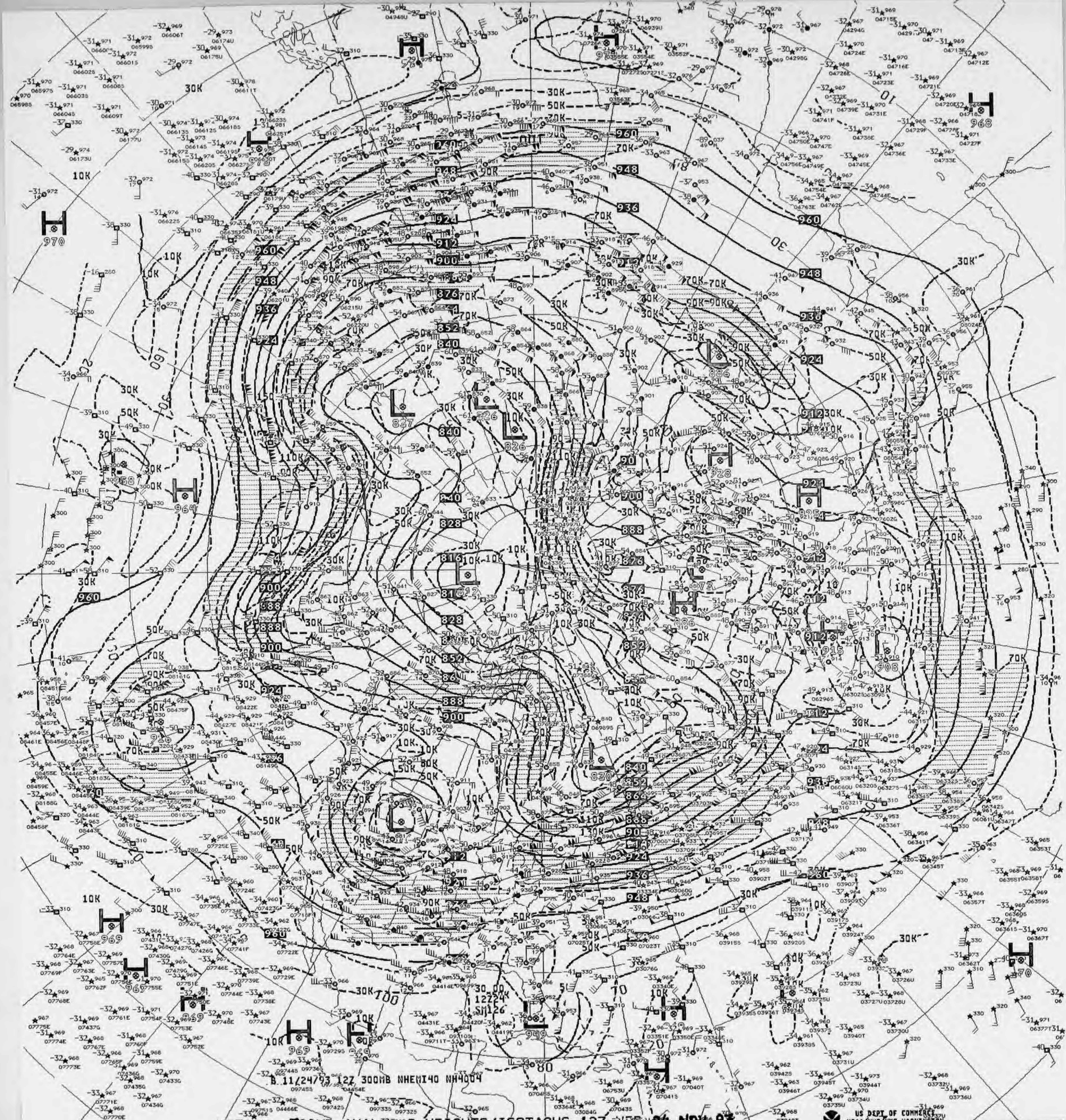
V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 24 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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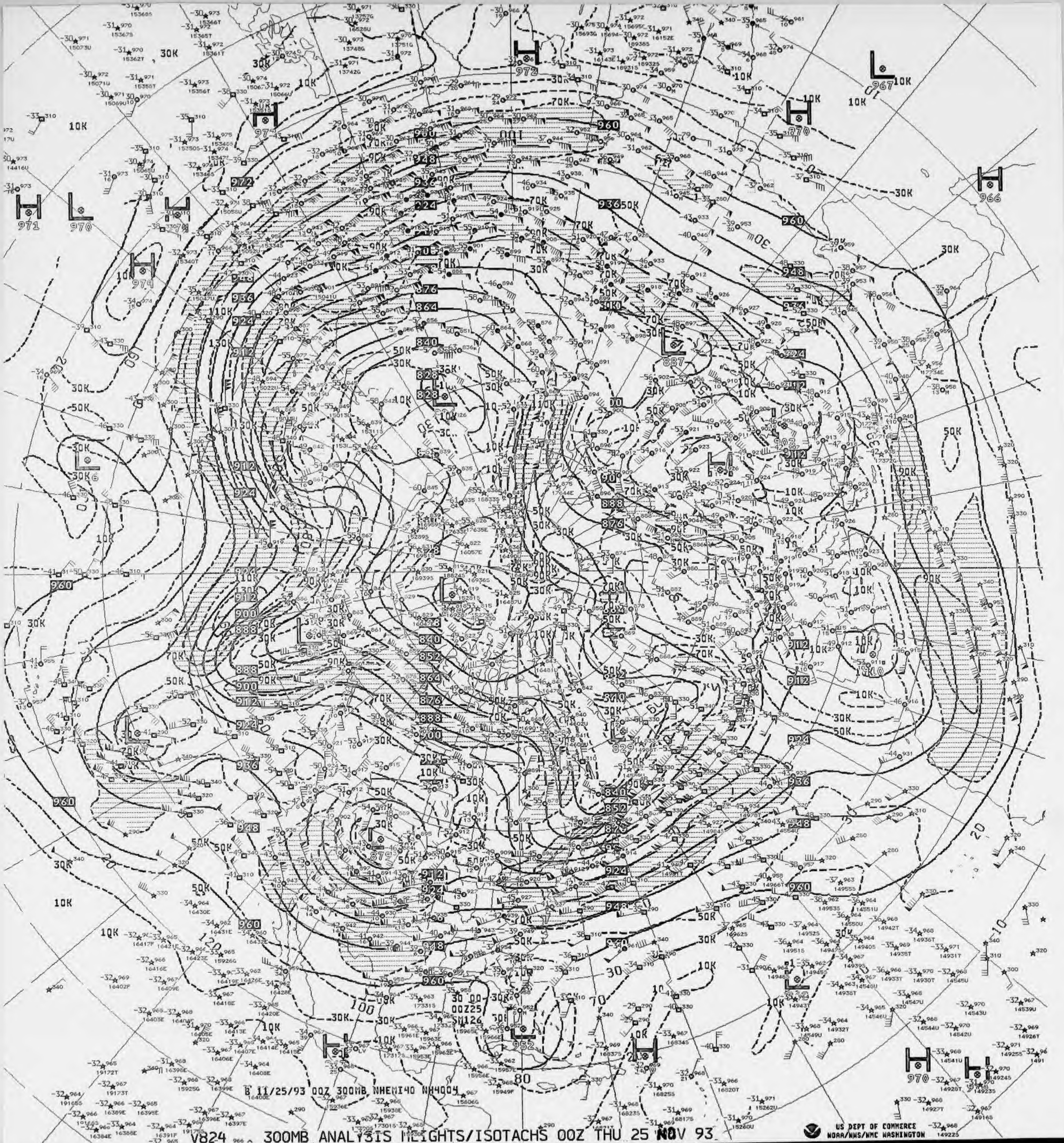
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/25/93 00Z 300MB NHEMI40 NH4004
00Z25
SM126
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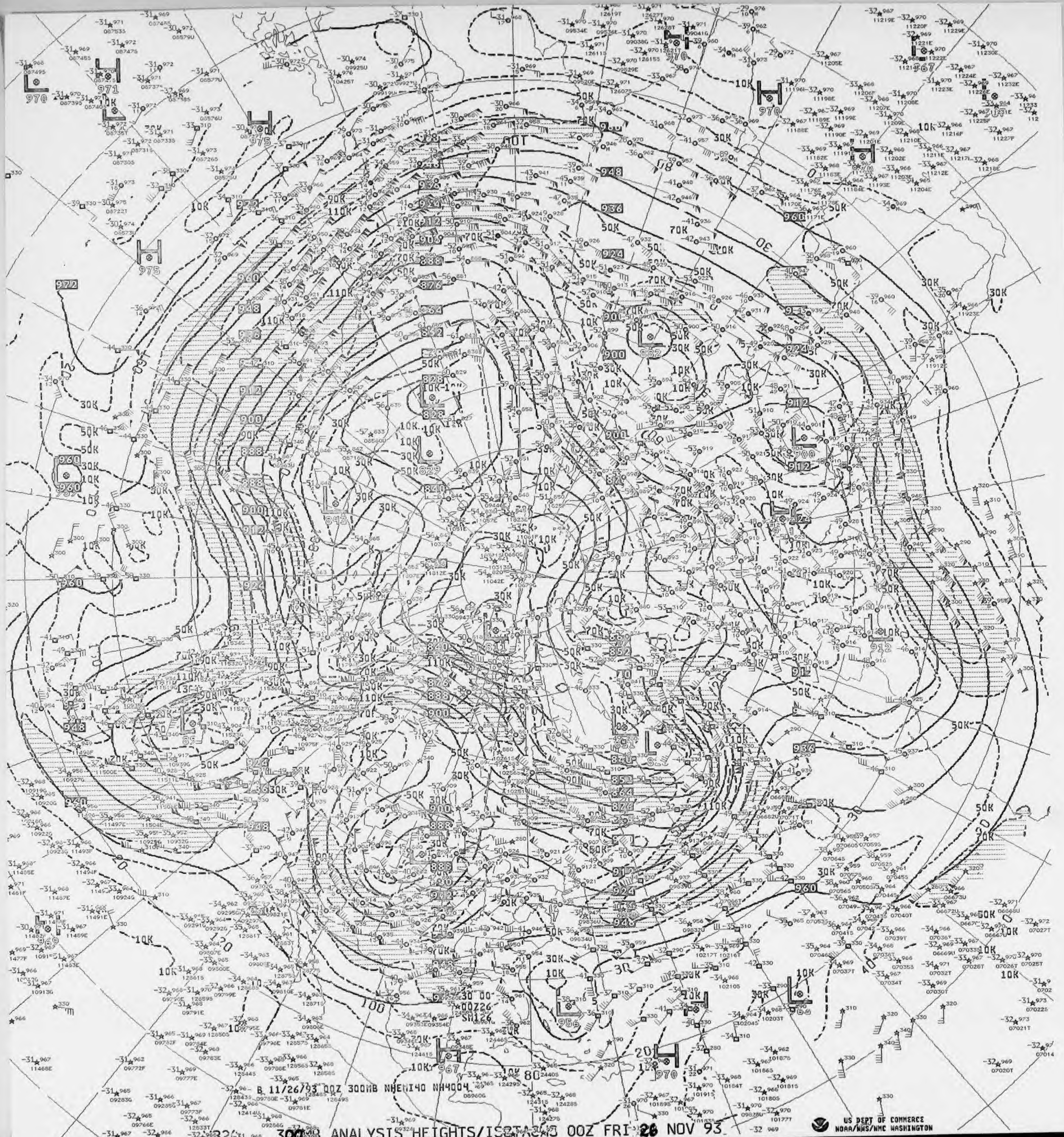
V824 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 25 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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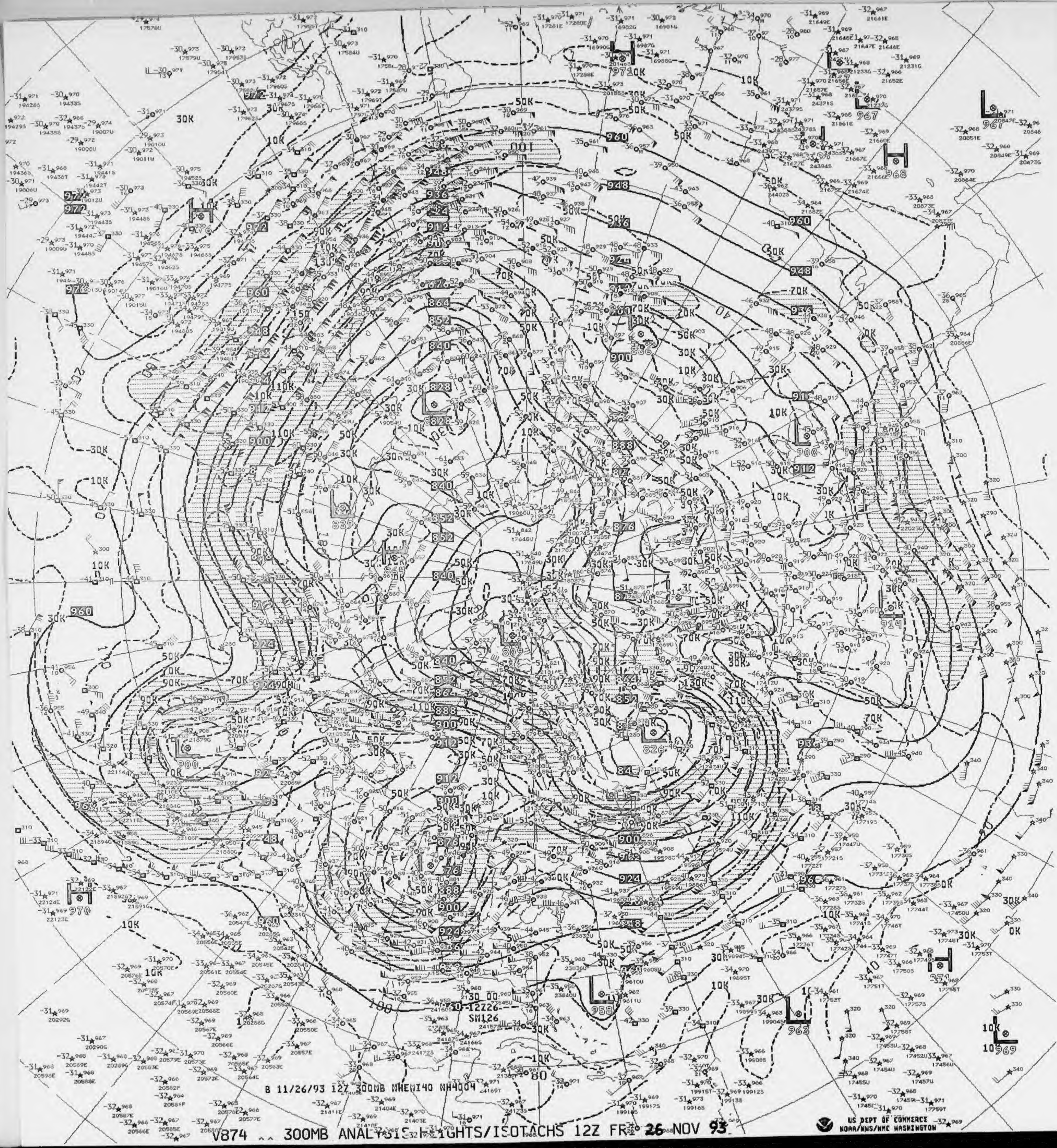
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

824 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 26 NOV 93



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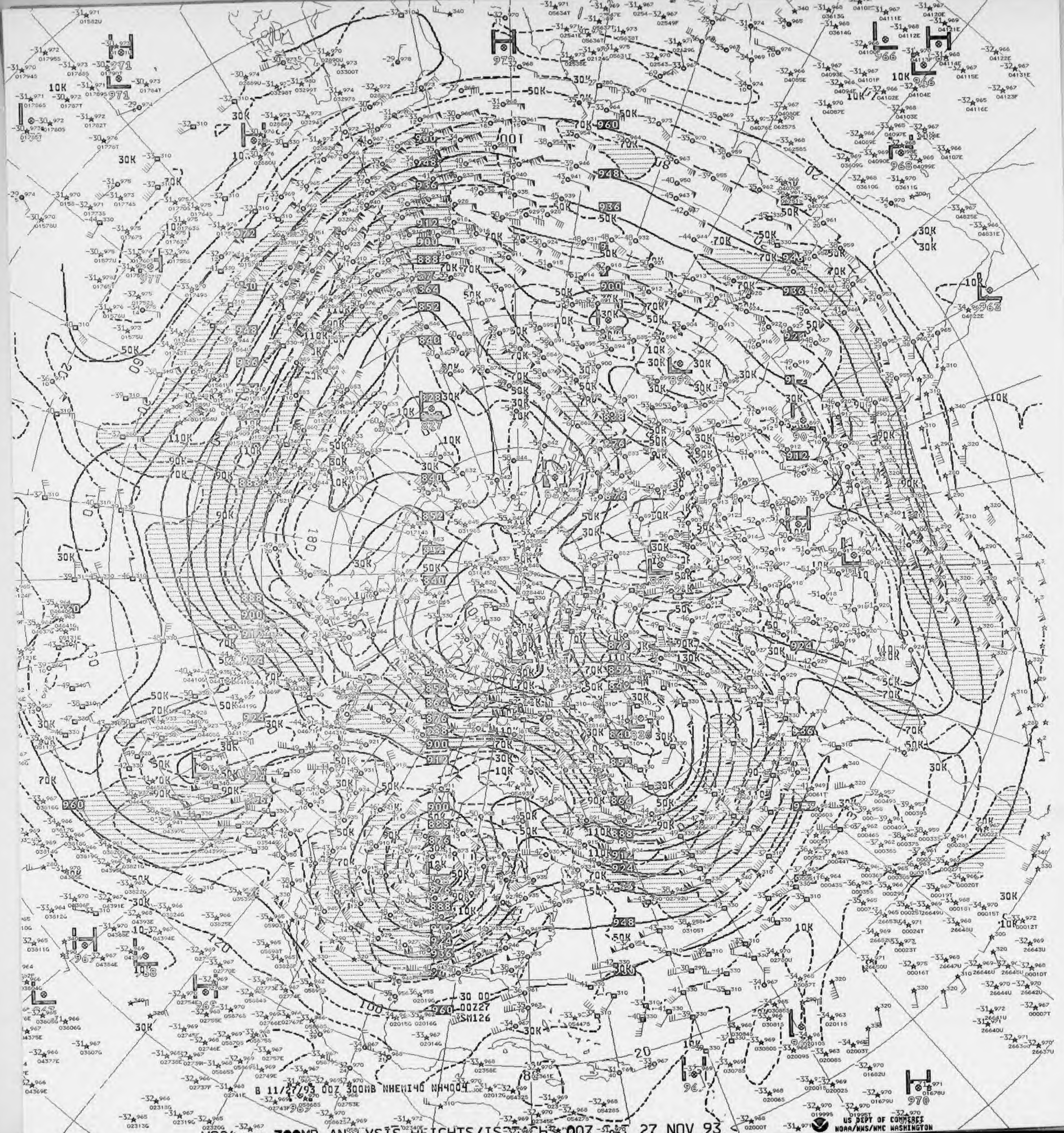
NOAA/NWS/NMC WASHINGTON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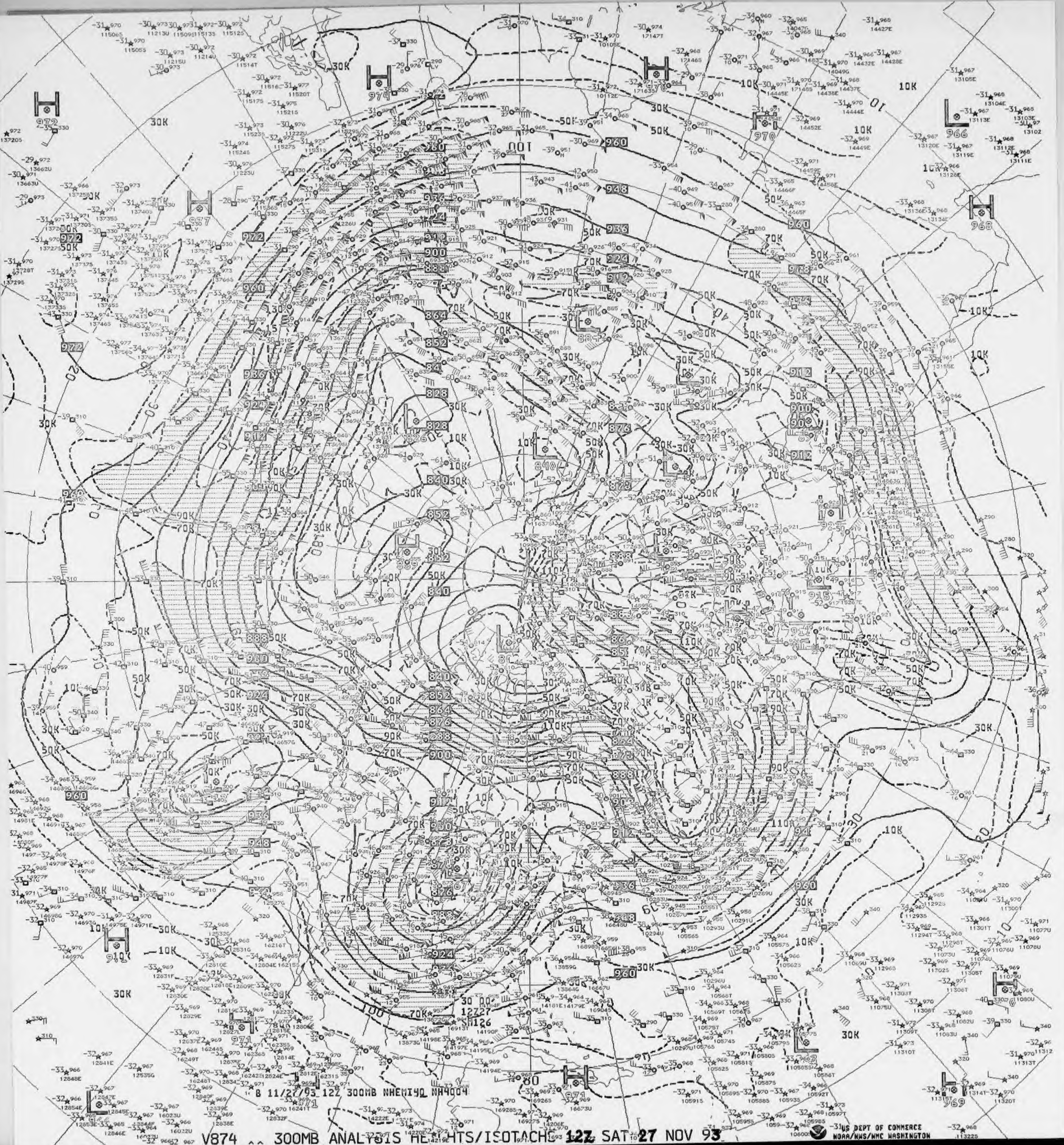
NOAA/NWS/NMC WASHINGTON

V824 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z 27 NOV 93



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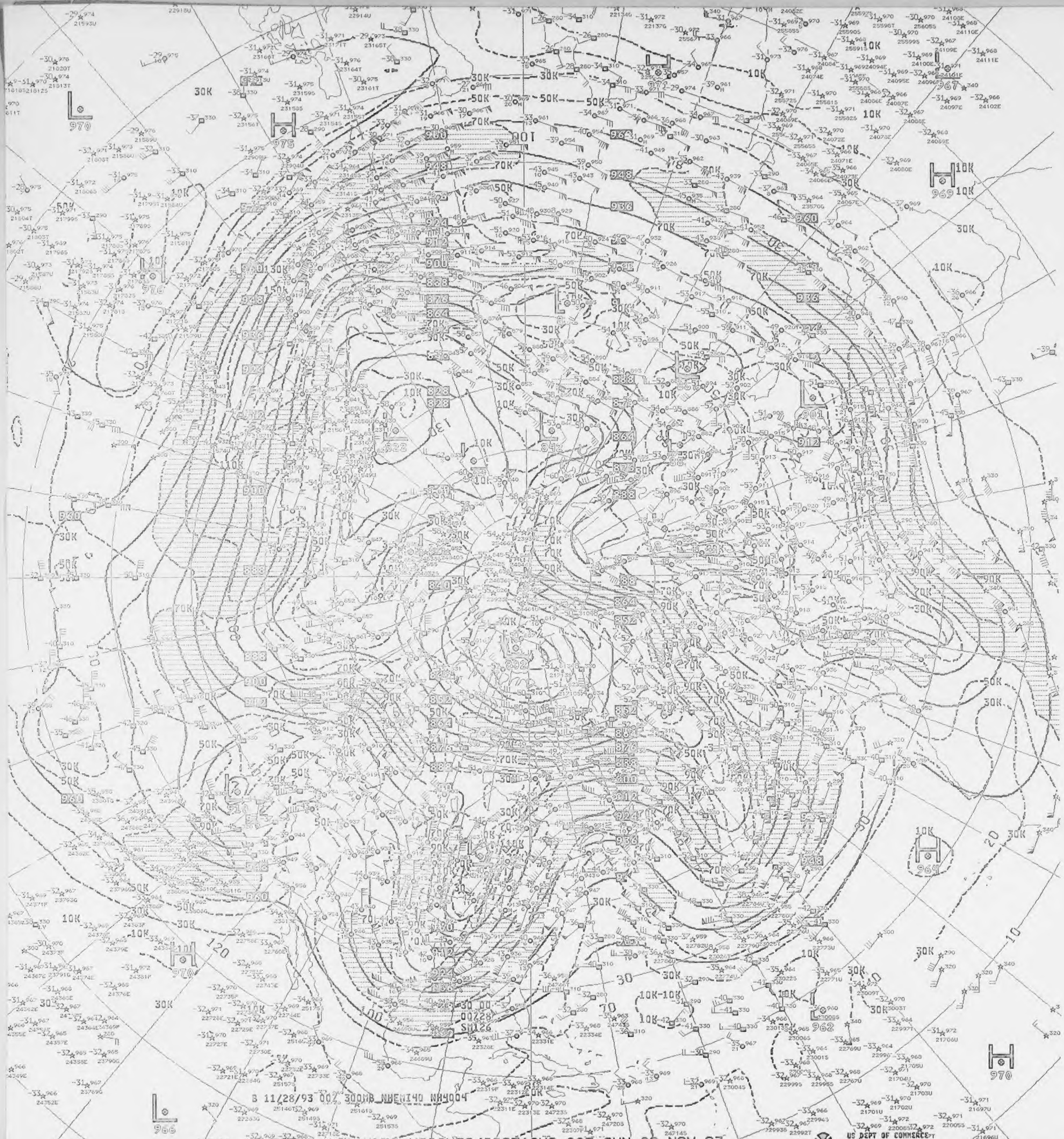
V874 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 27 NOV 93

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON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H 975
L 970
H 969
L 966
H 970
H 964
L 962
L 901
L 832
L 828
L 842
L 910
L 970
10K
30K
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70K
90K
110K
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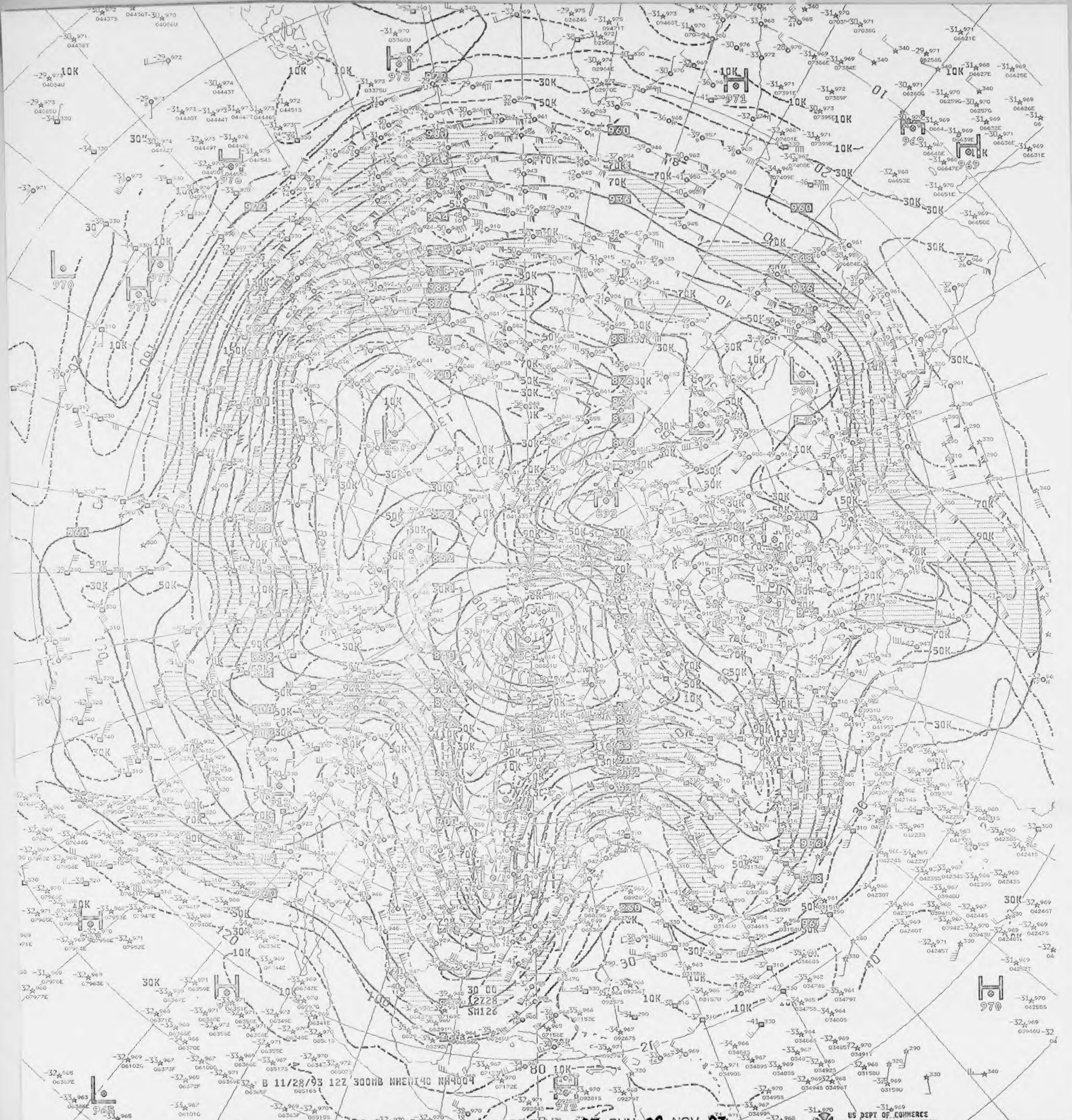
V824 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 28 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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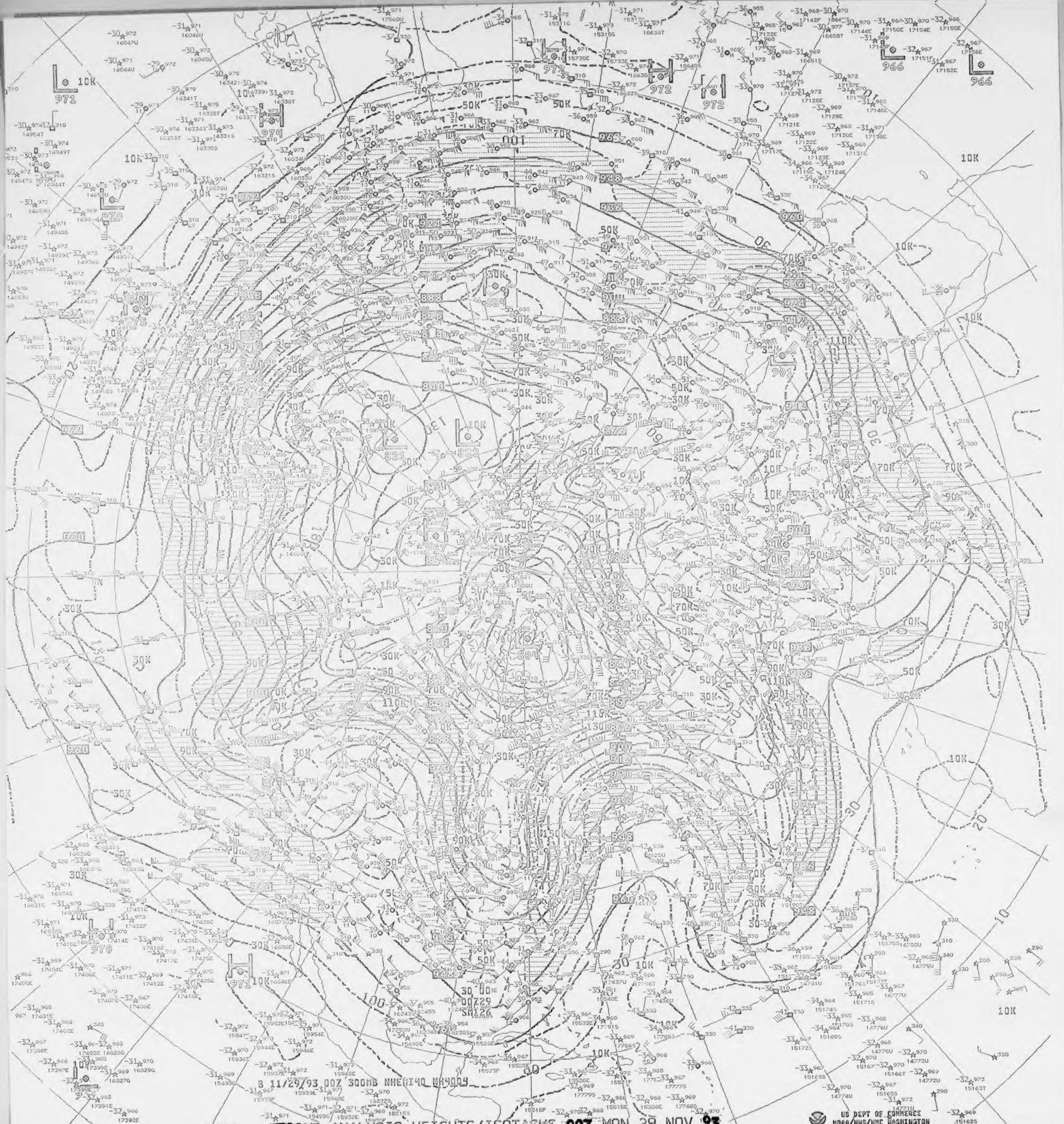
V874 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 28 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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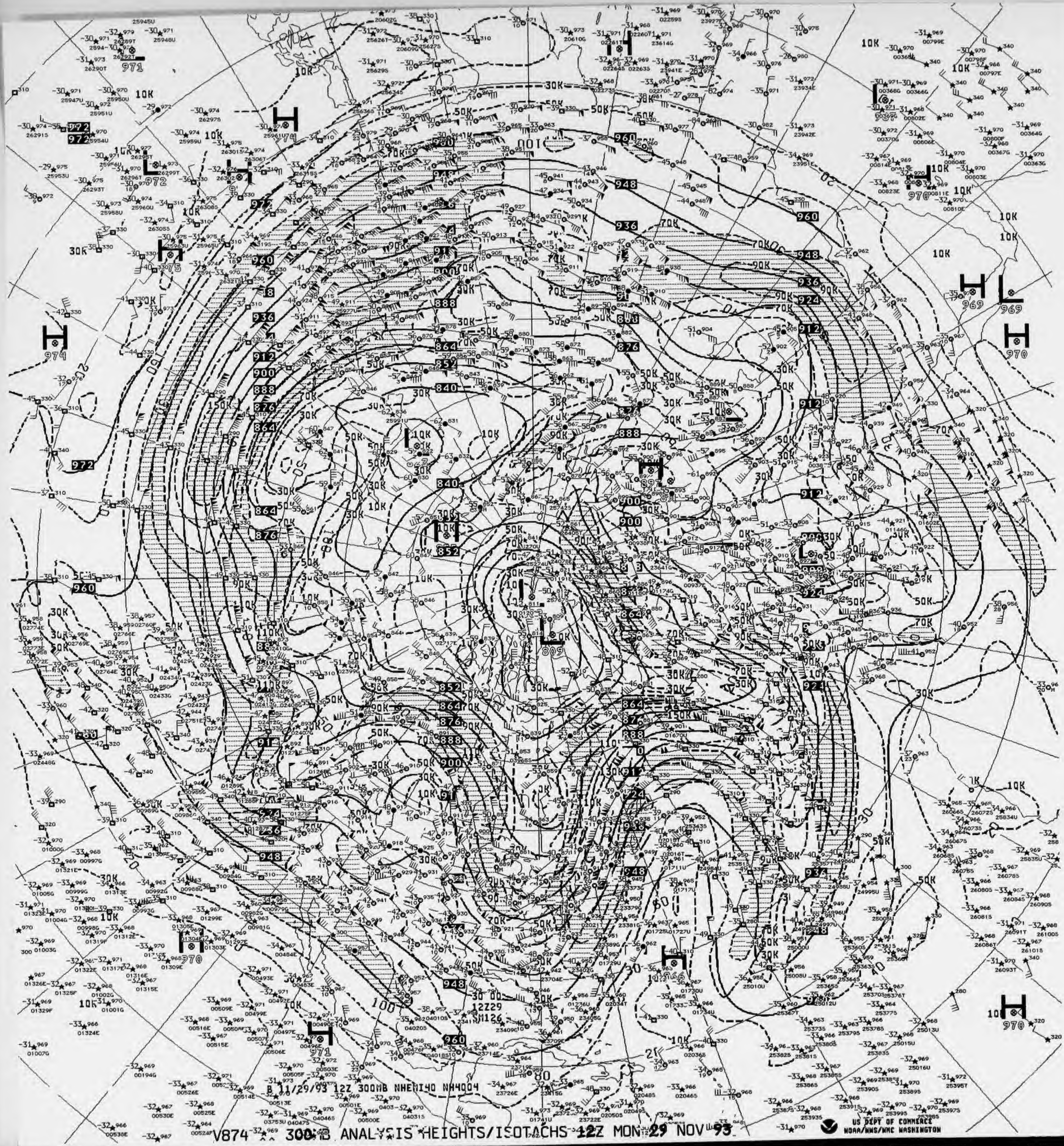
V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 29 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 11/29/93 12Z 300MB NHEMI40 NH4004
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924
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852
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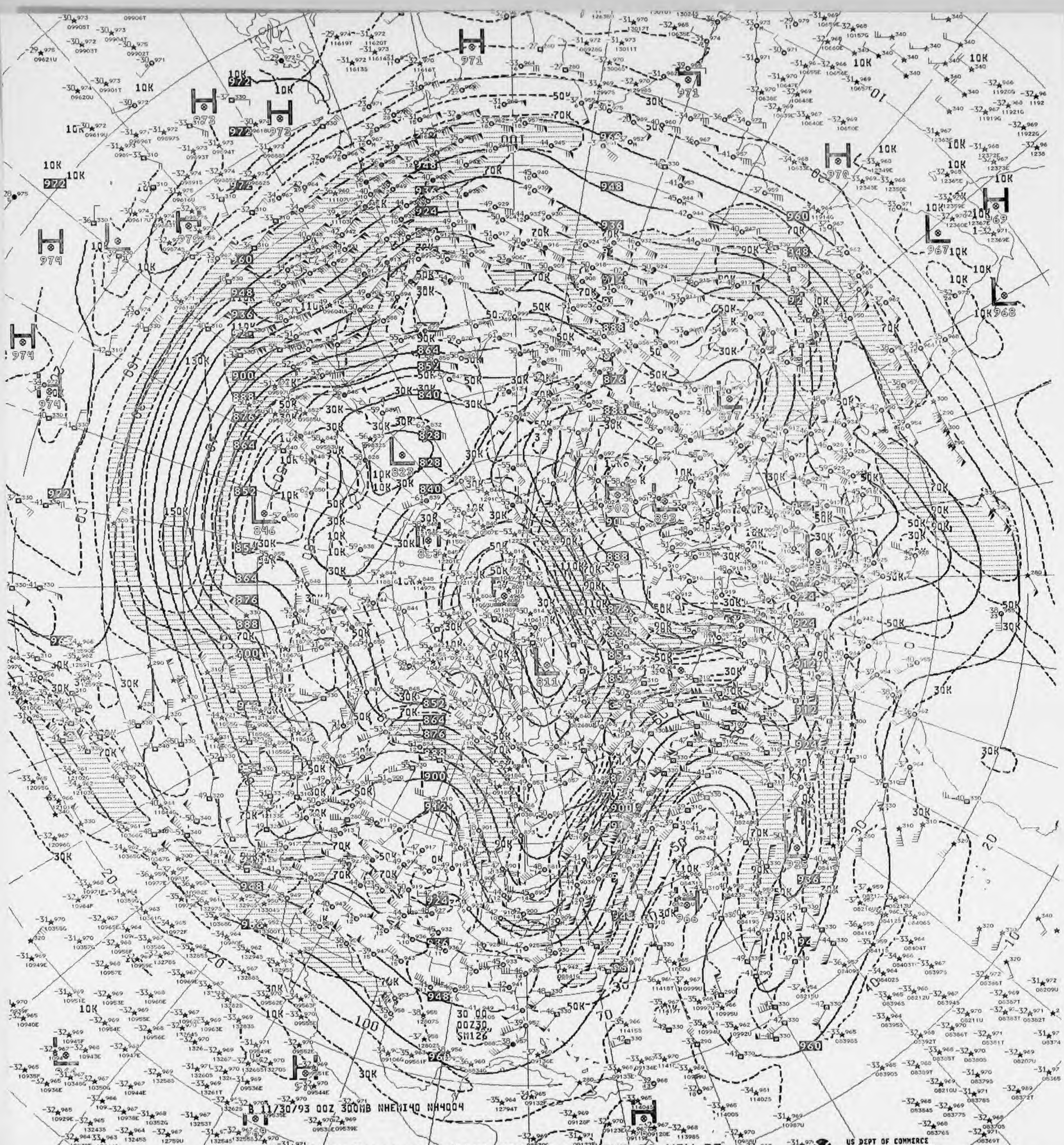
150K

V874 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 29 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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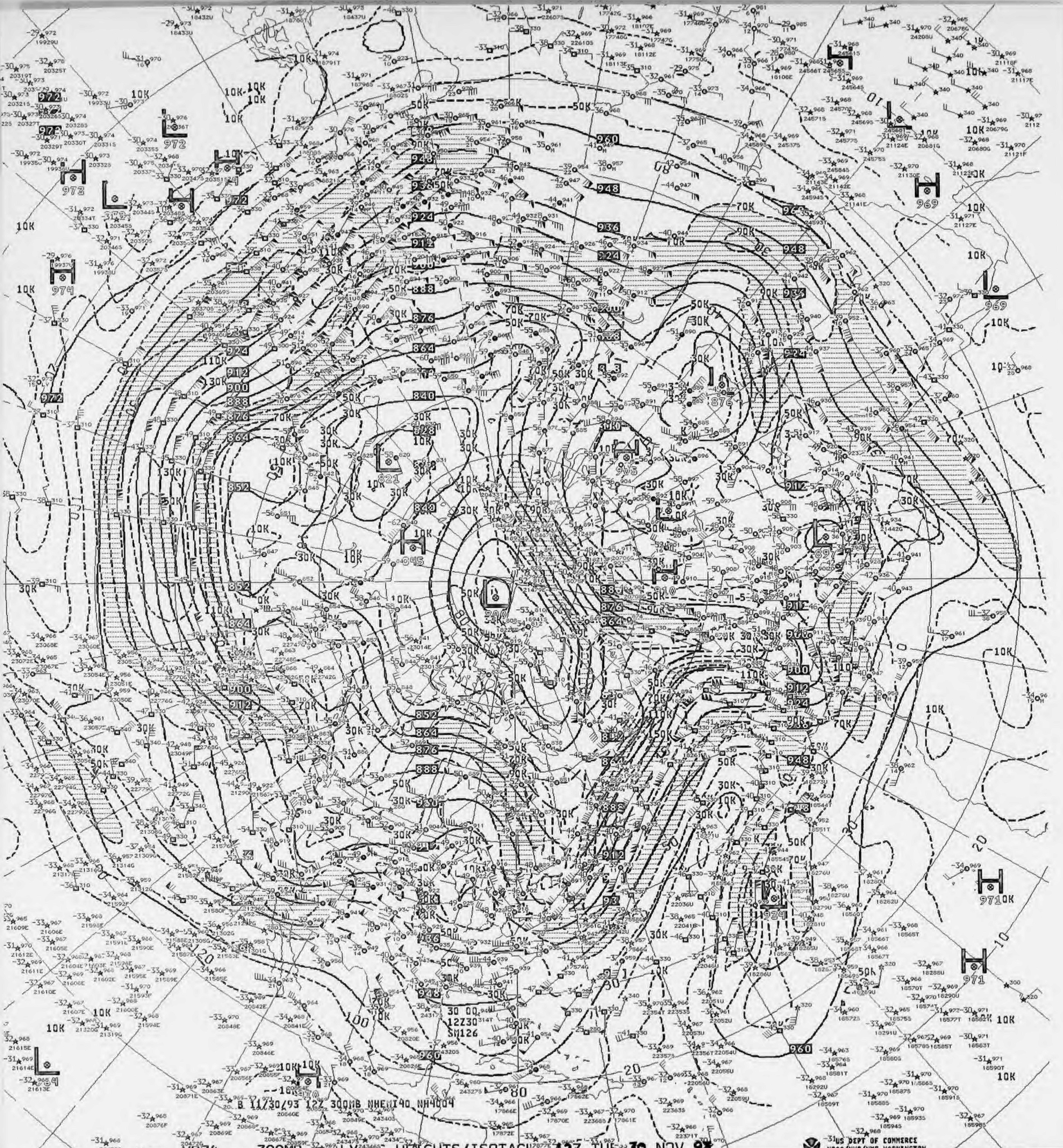
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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SM126

834 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 30 NOV 93

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AA Form 48 - 3648
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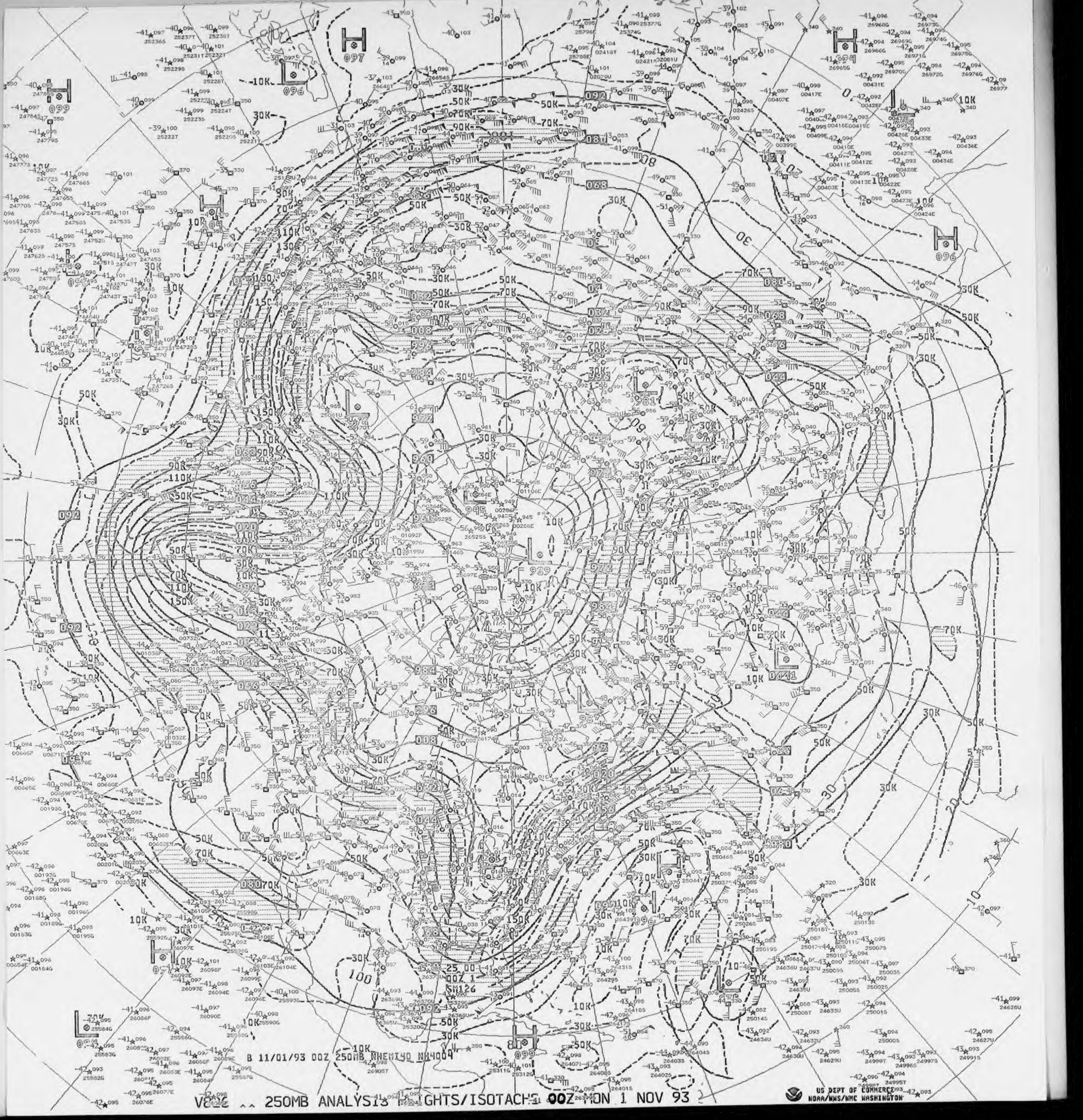
U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

250 MB CONSTANT PRESSURE CHARTS

NORTHERN HEMISPHERE NWP

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING



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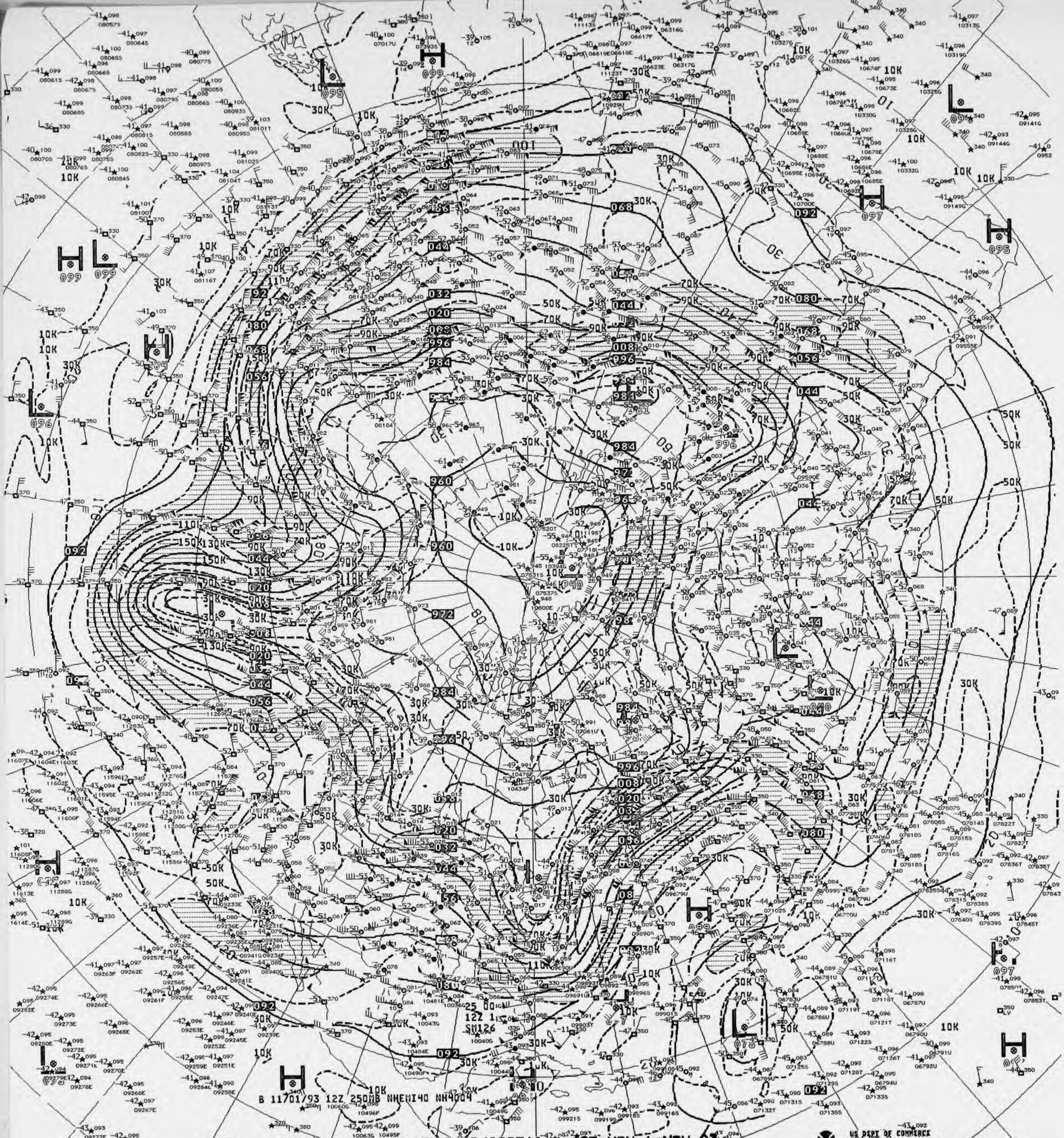
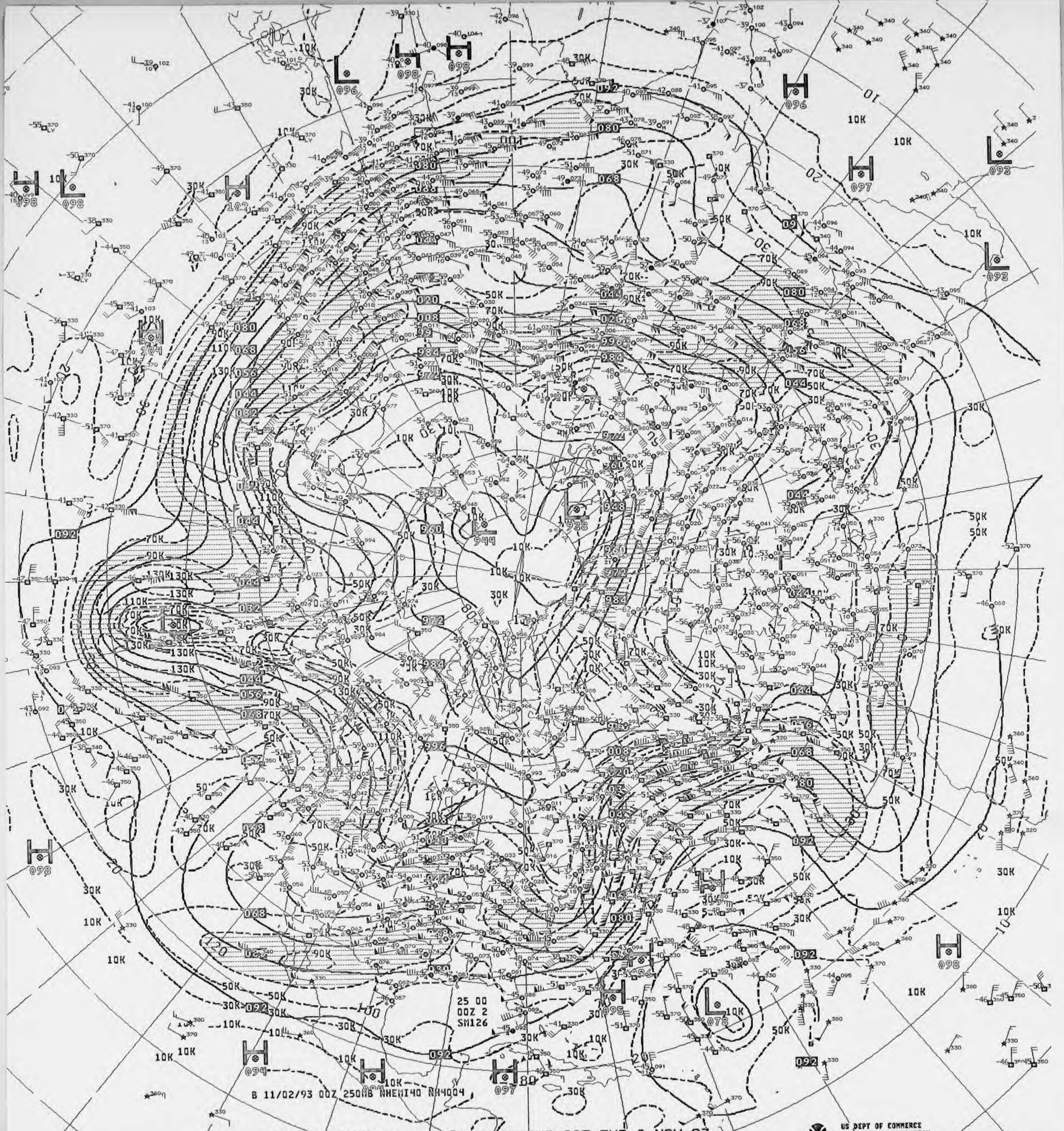
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/01/93 12Z 250MB NHEMI40 NH4004

V876 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 1 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

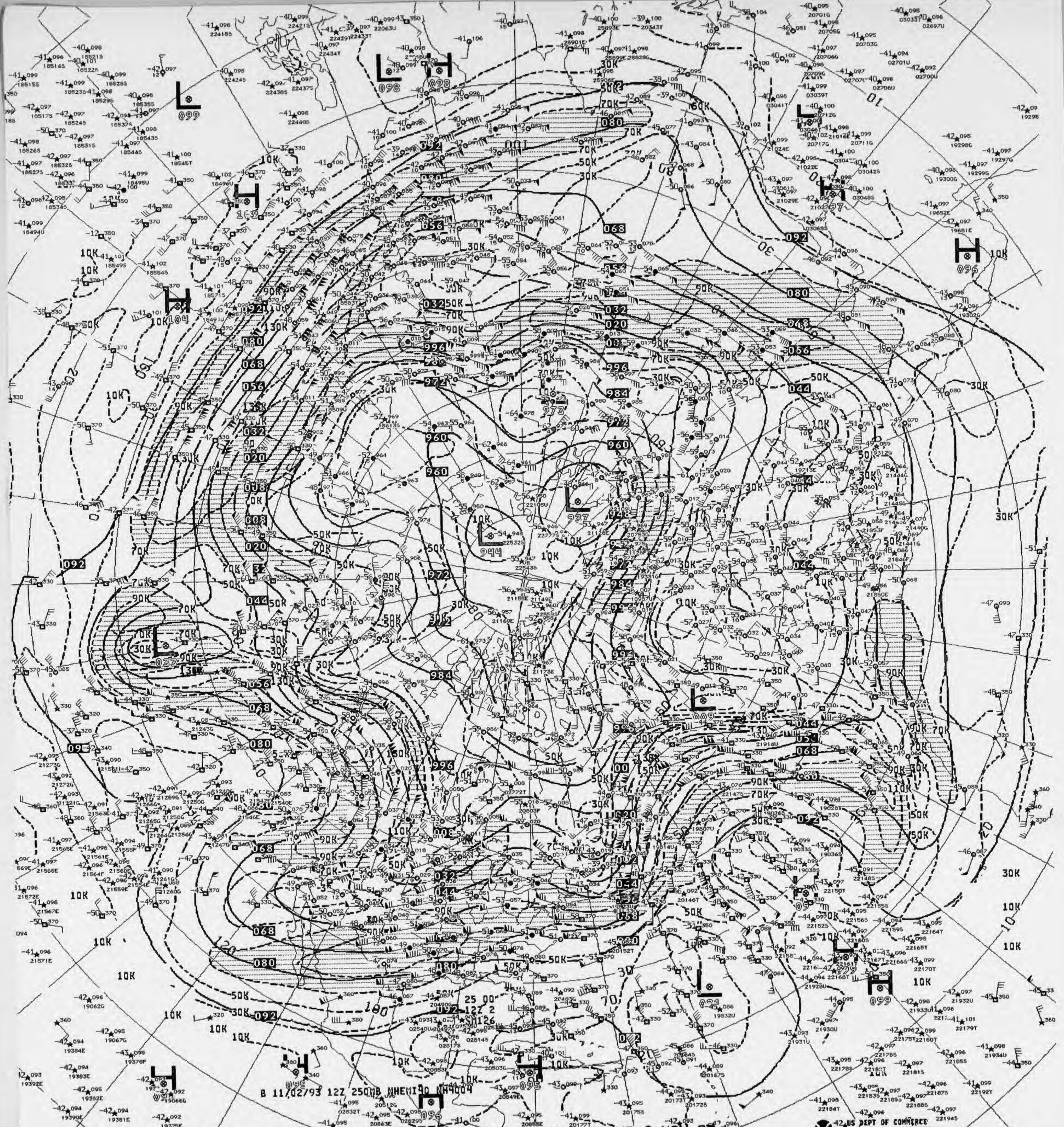


25 00
00Z 2
SM126

B 11/02/93 00Z 250MB NHEMI40 NH4004

V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 2 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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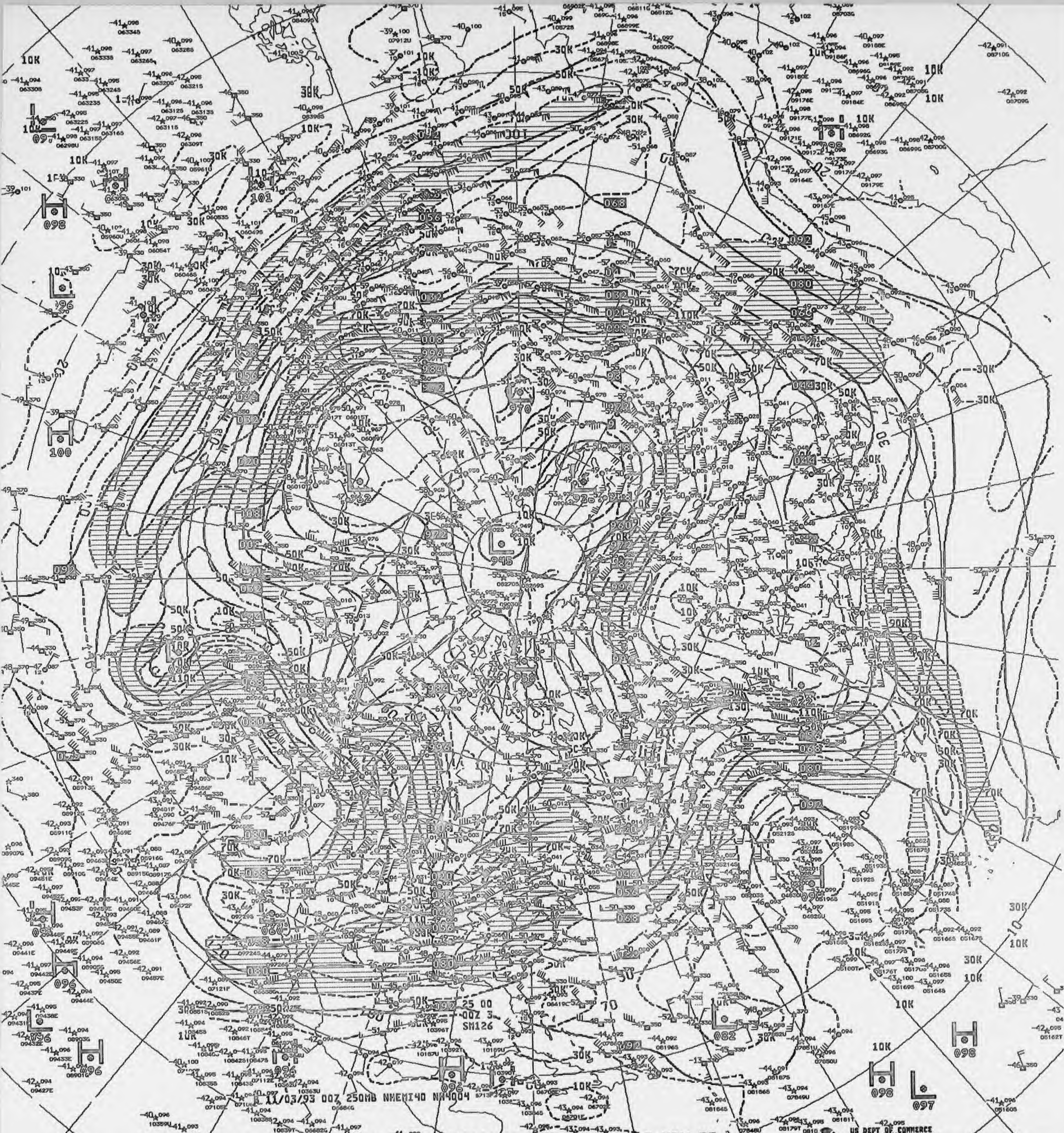
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V876 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 2 NOV 93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00Z 3
SM126
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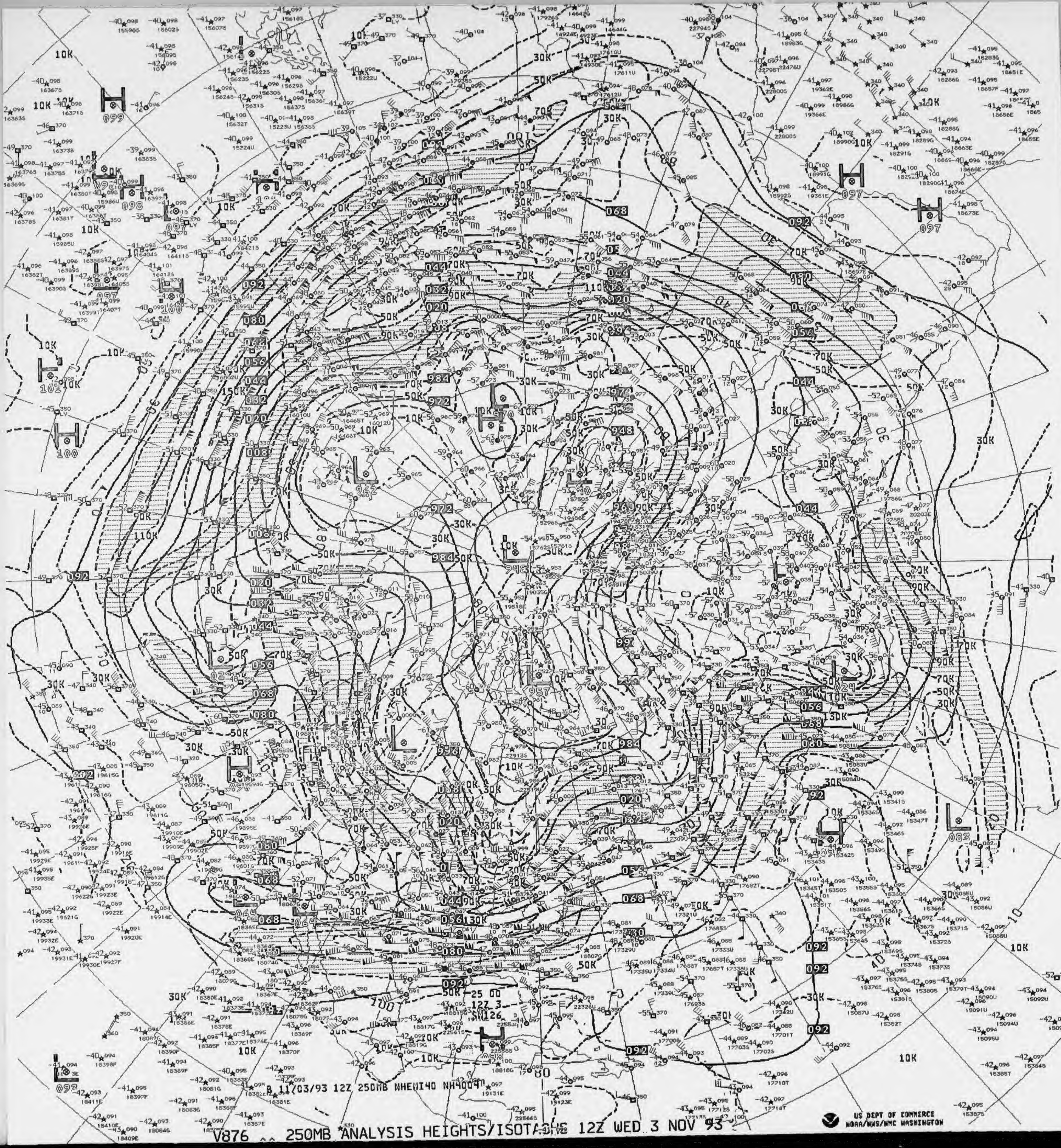
H 100
H 096
H 098
L 945
L 970
L 097
L 082
10K
30K
50K
70K
110K
130K

V826 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 3 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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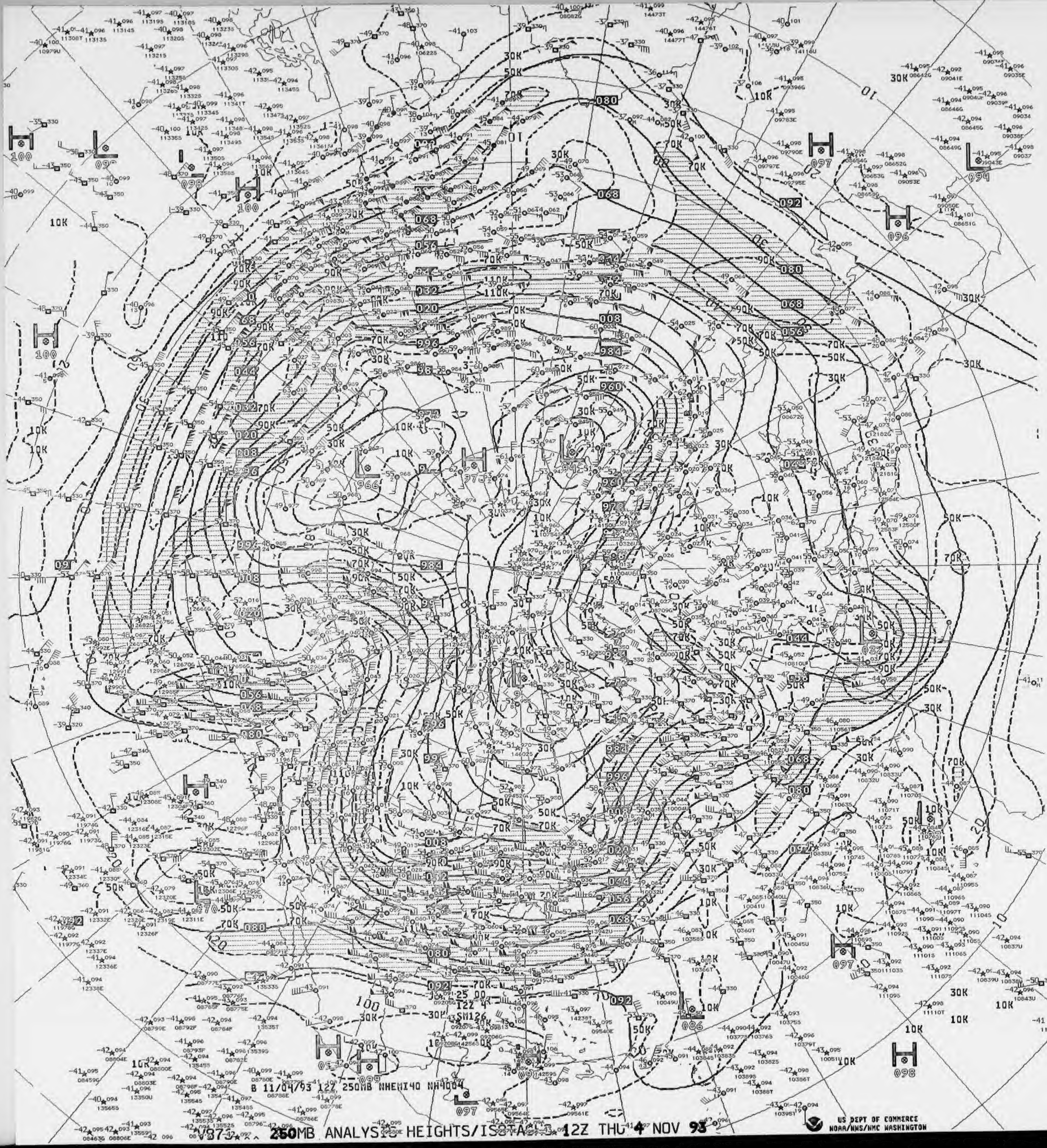

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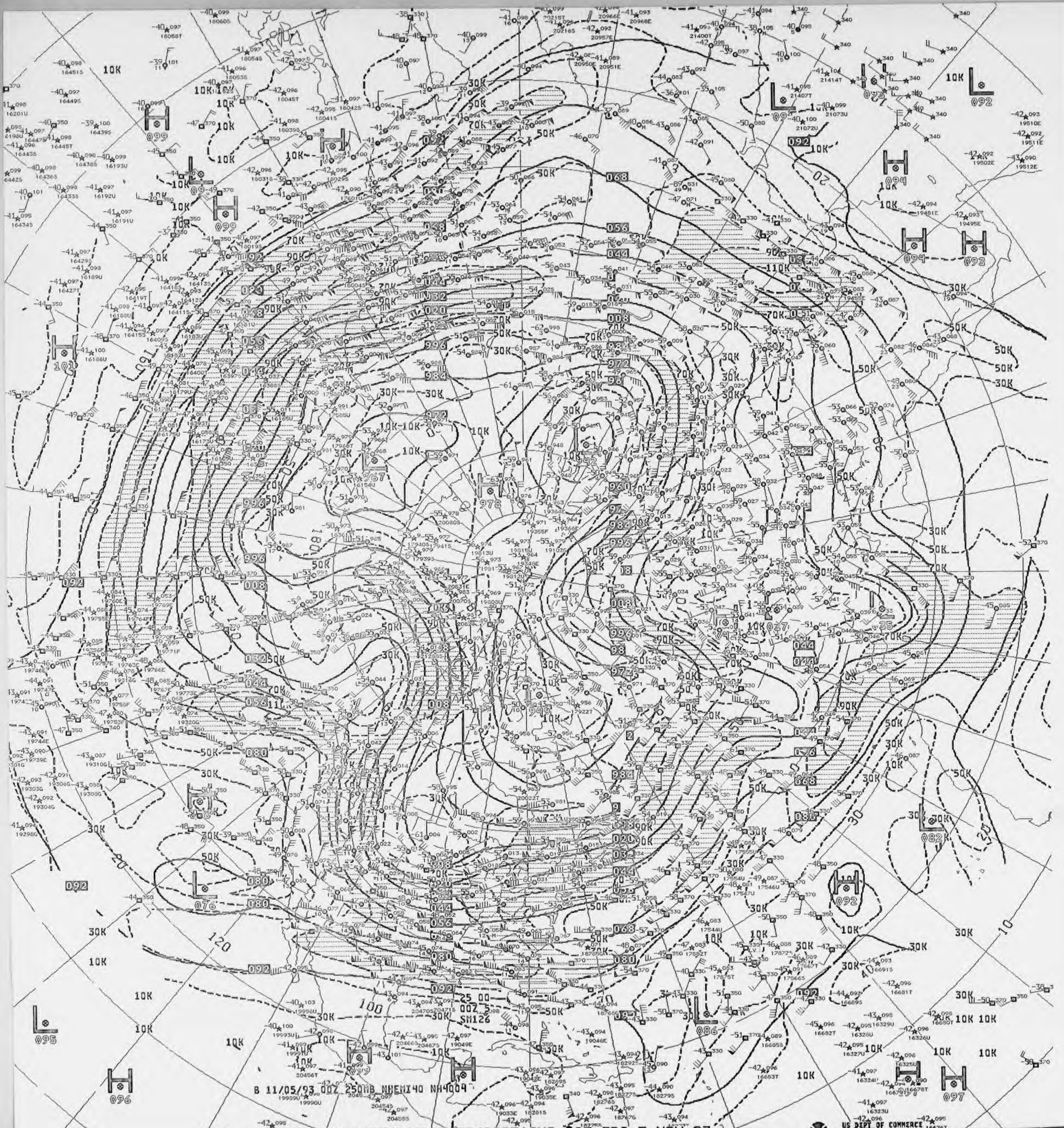
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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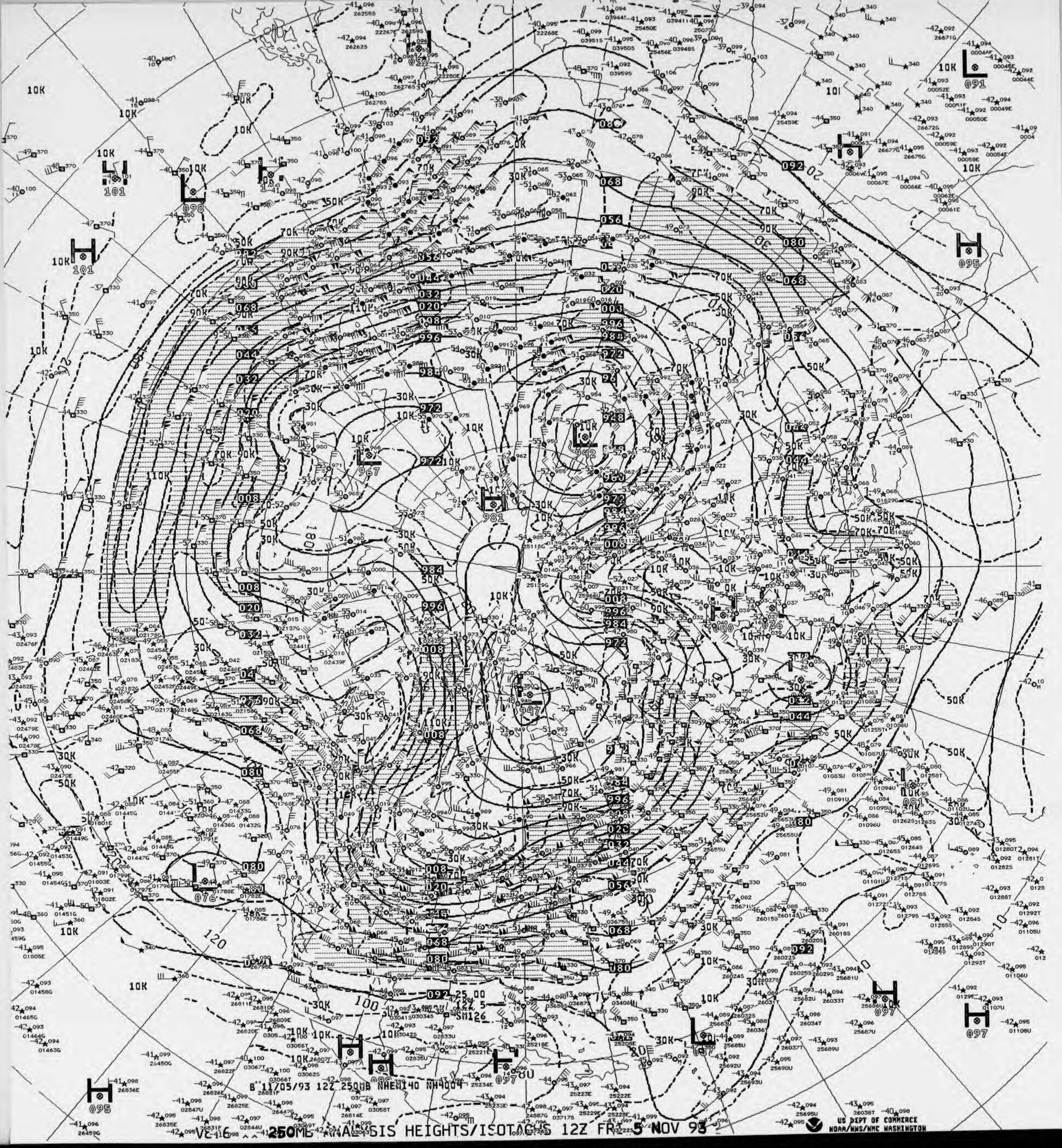
25 00
00Z
SH126
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 5 NOV 93



8 11/05/93 12Z 250MB NHEM140 NH4004

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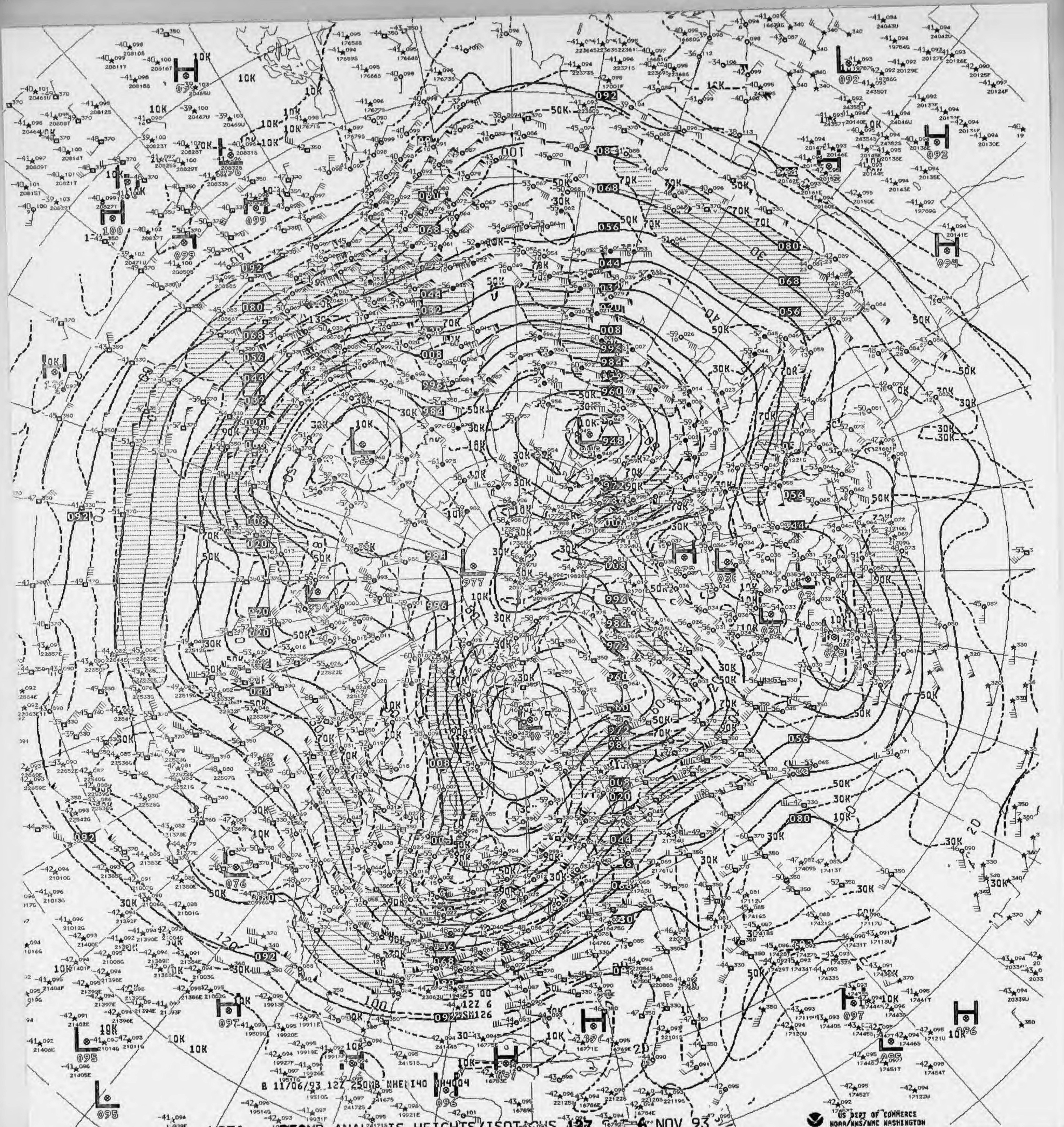
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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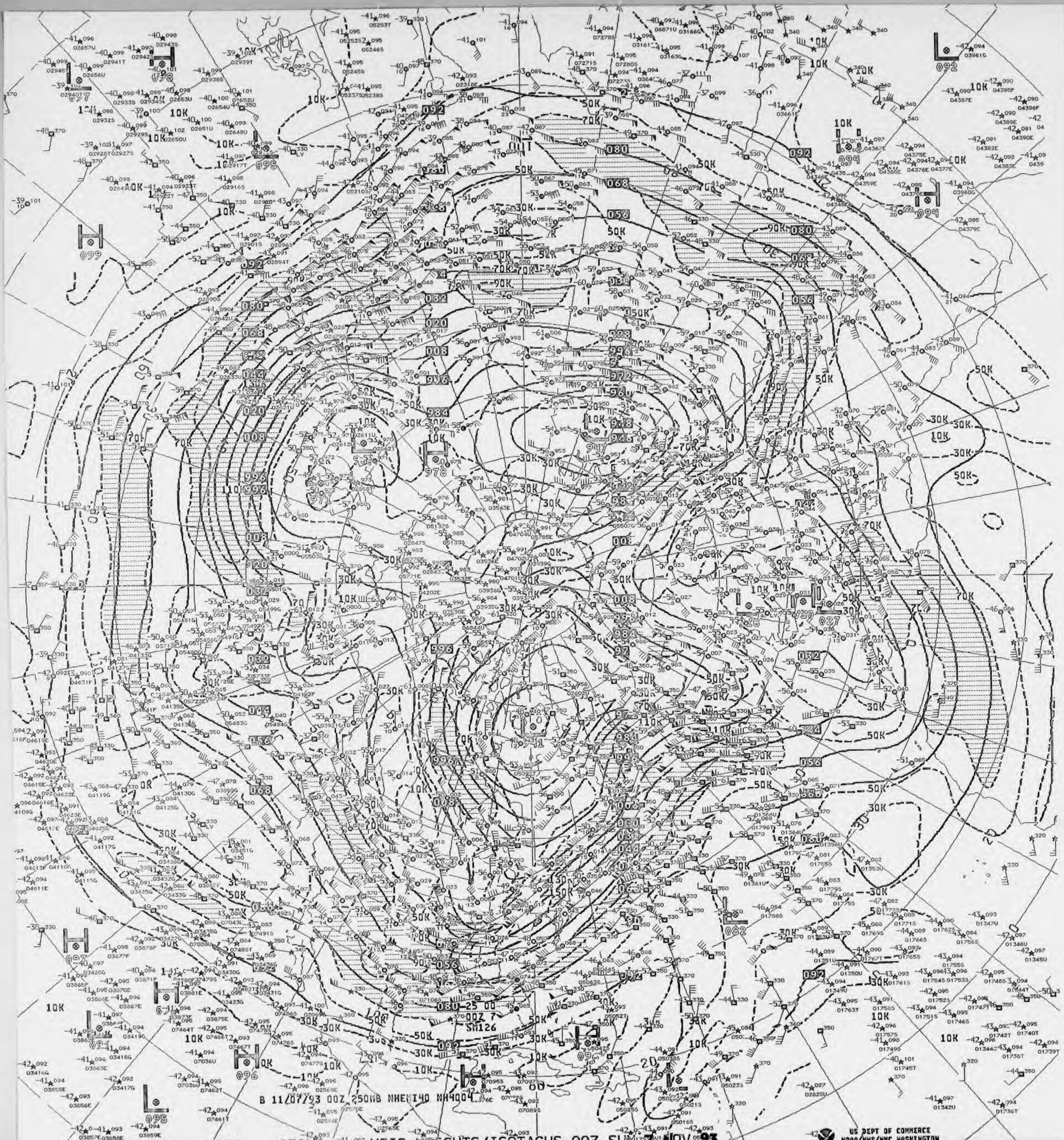
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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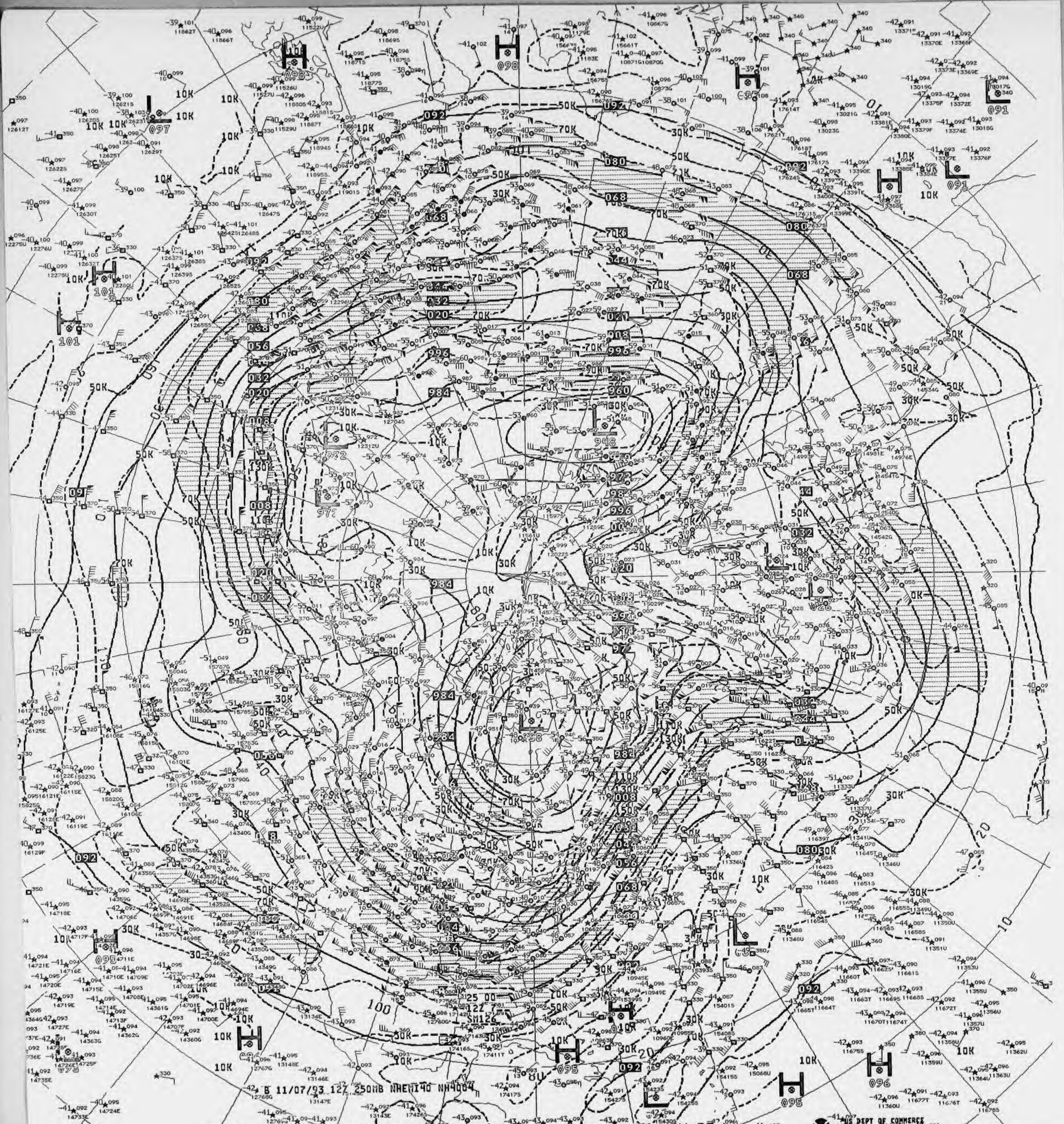
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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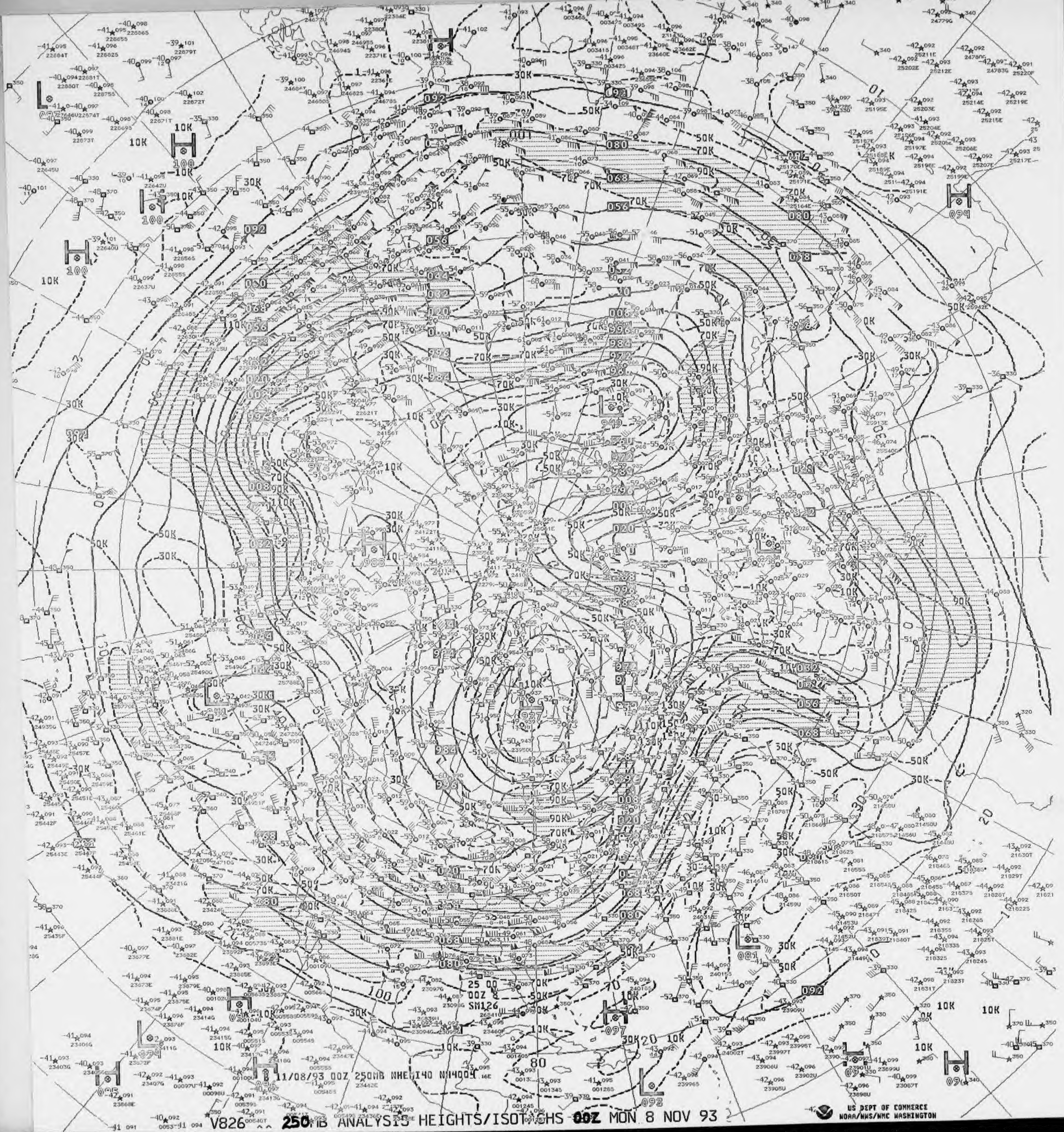
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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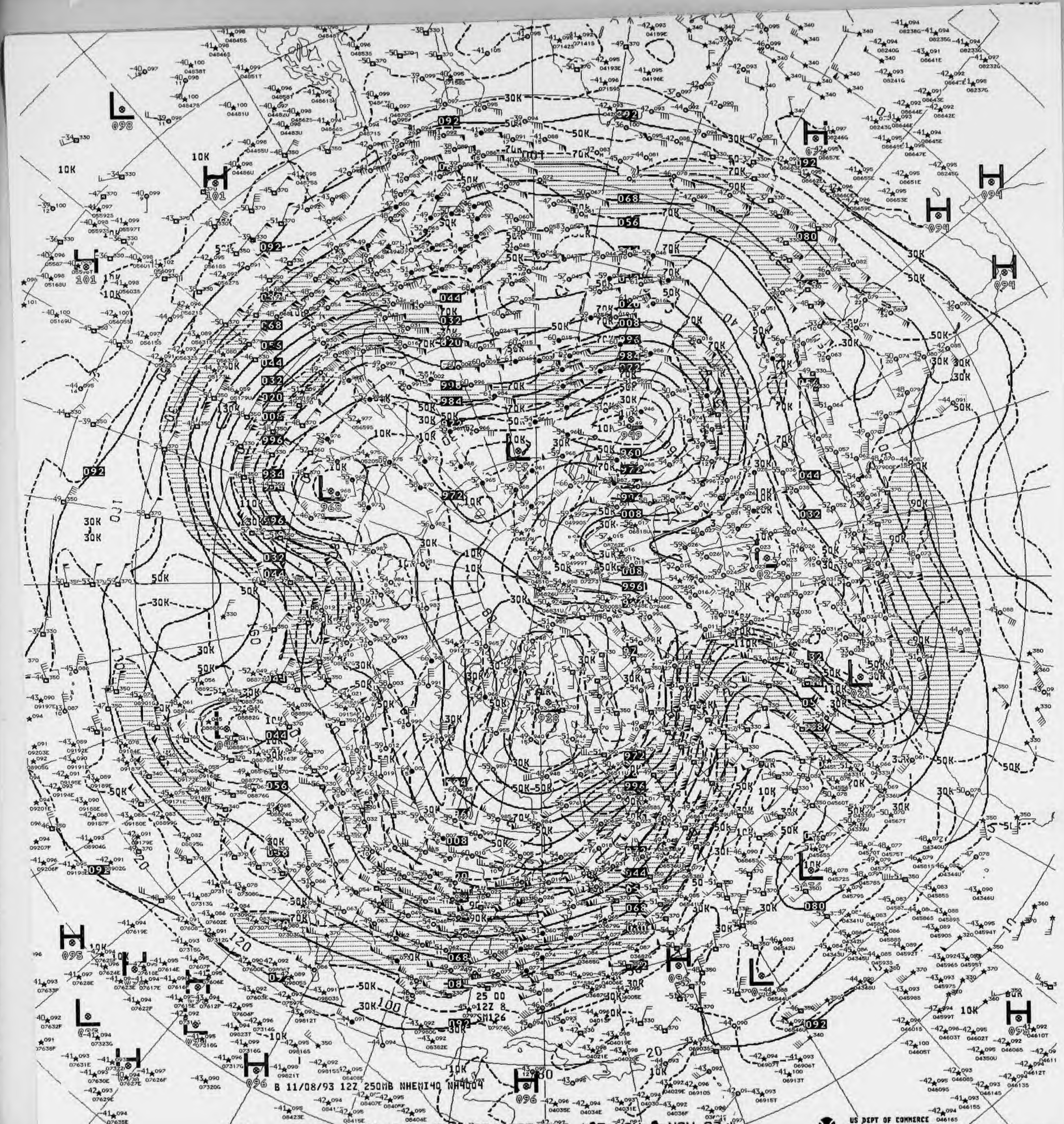
00Z 8
SM126

V826 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 8 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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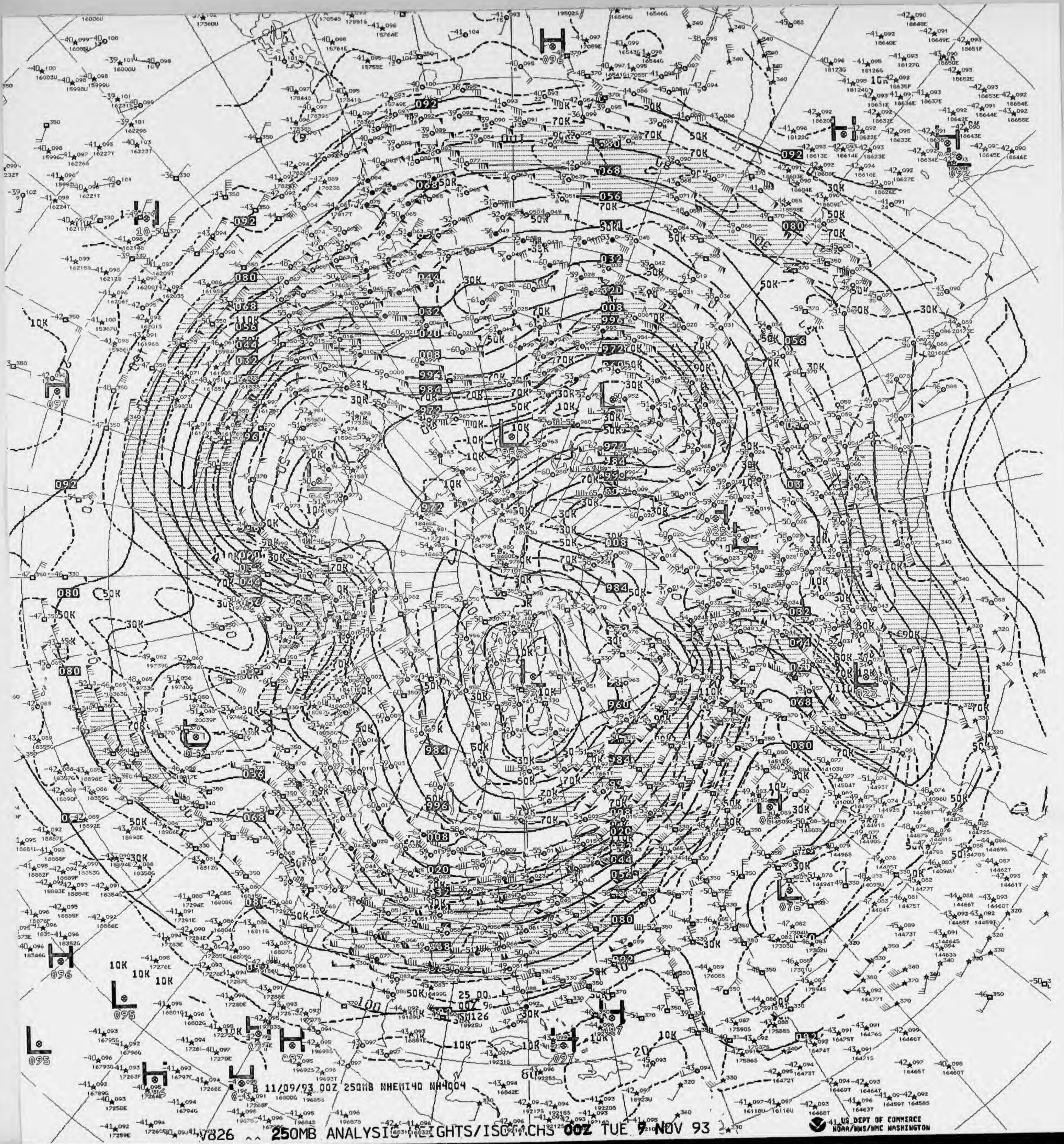
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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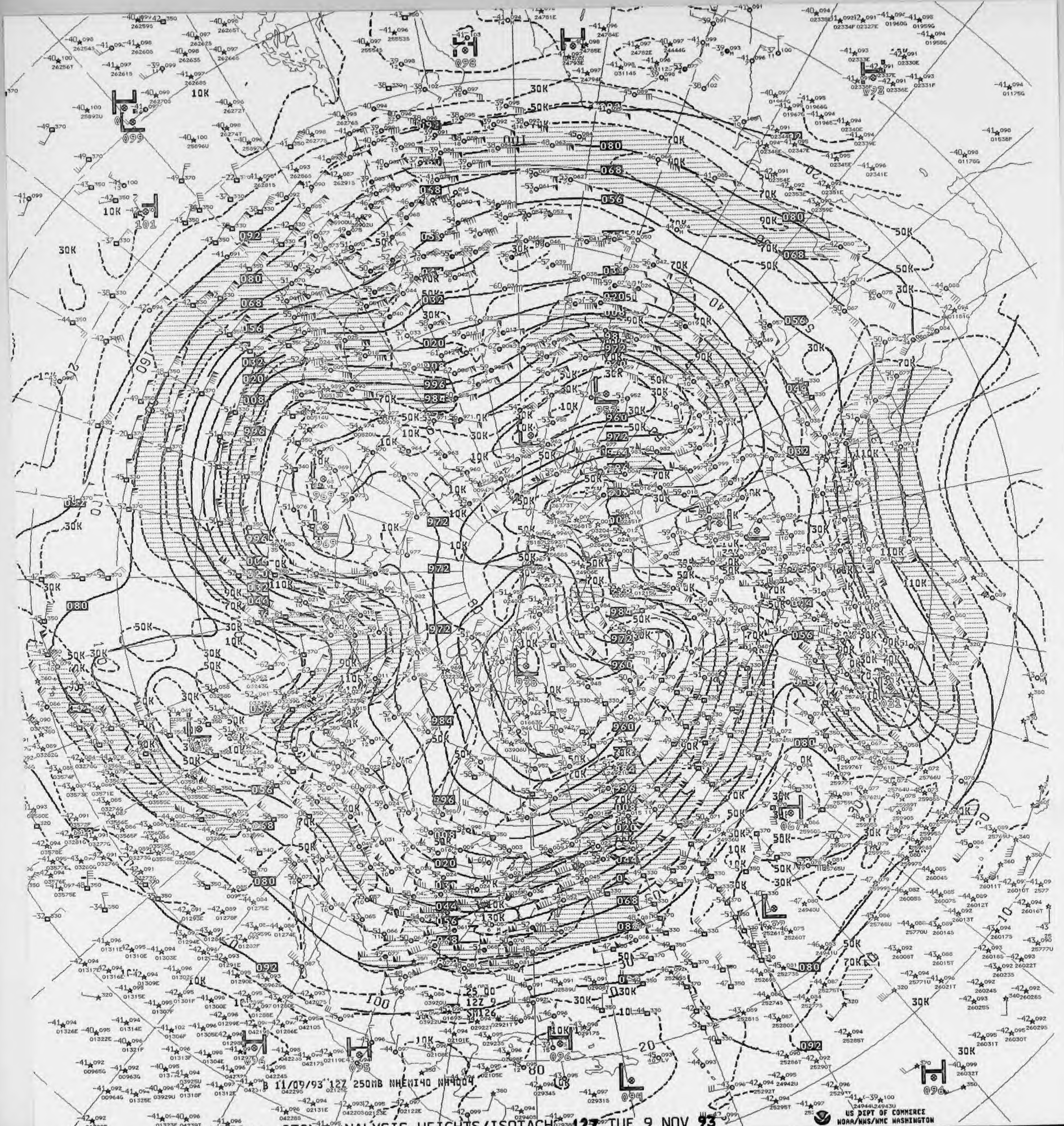
V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 9 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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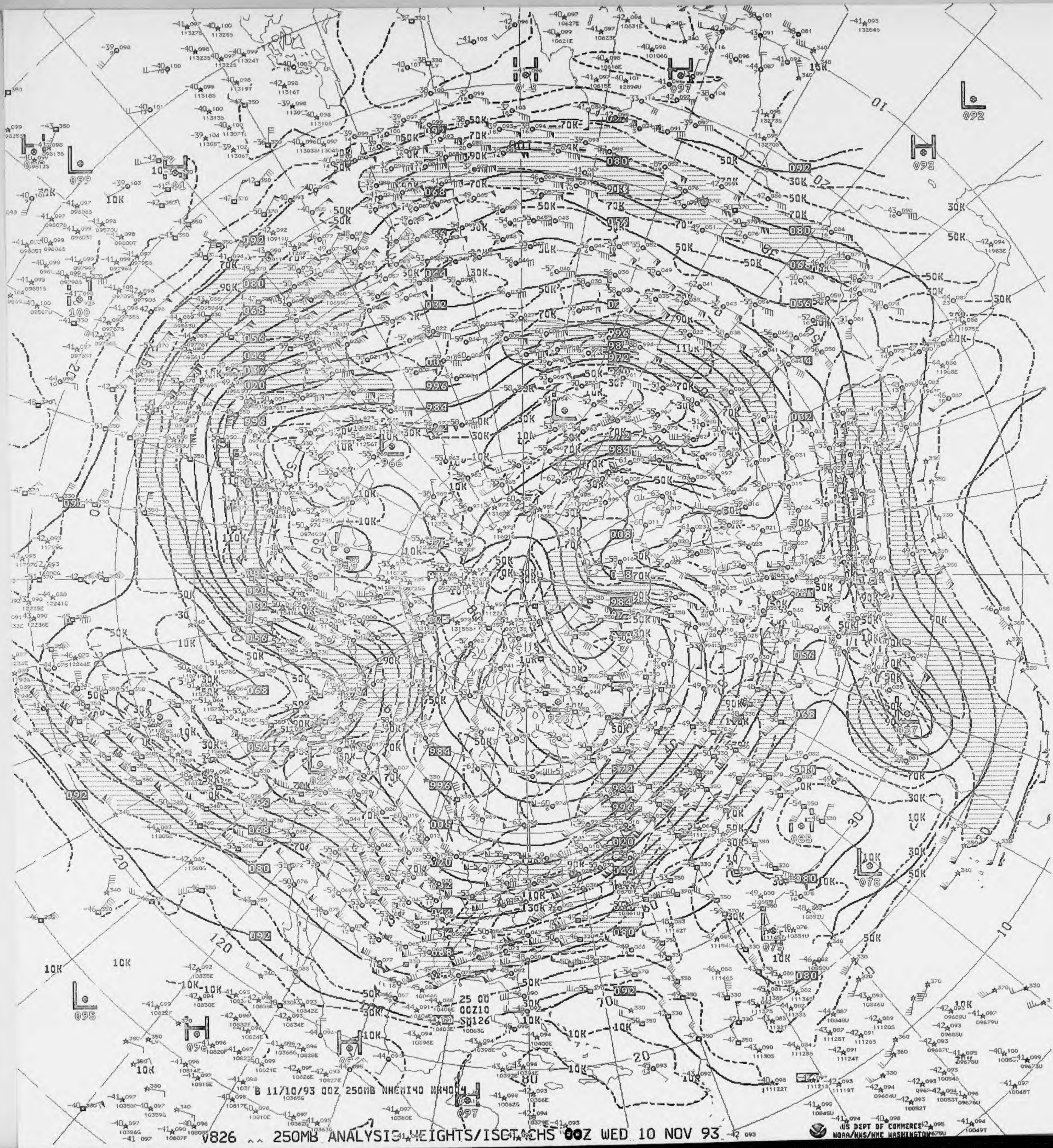
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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00Z10
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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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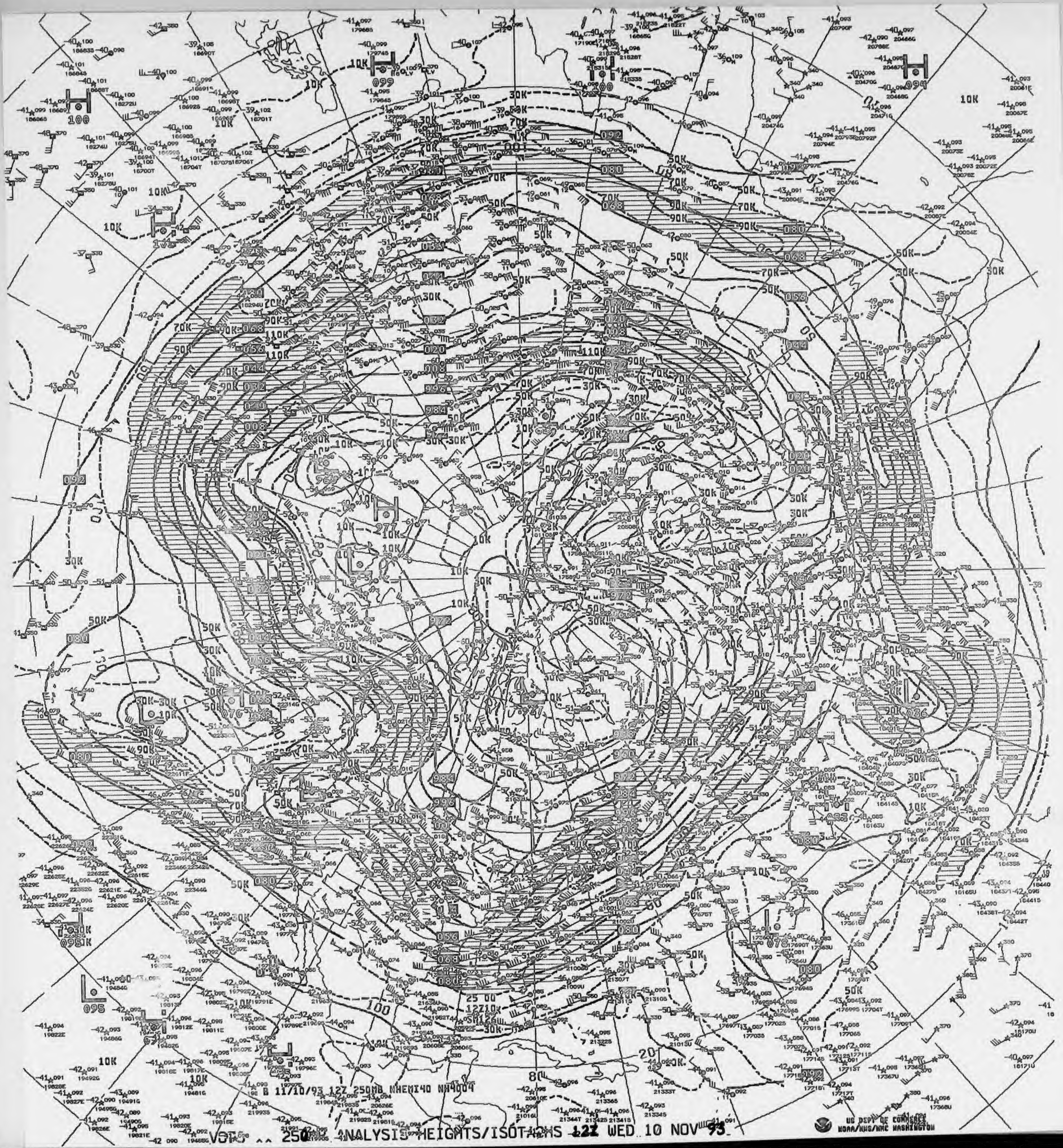

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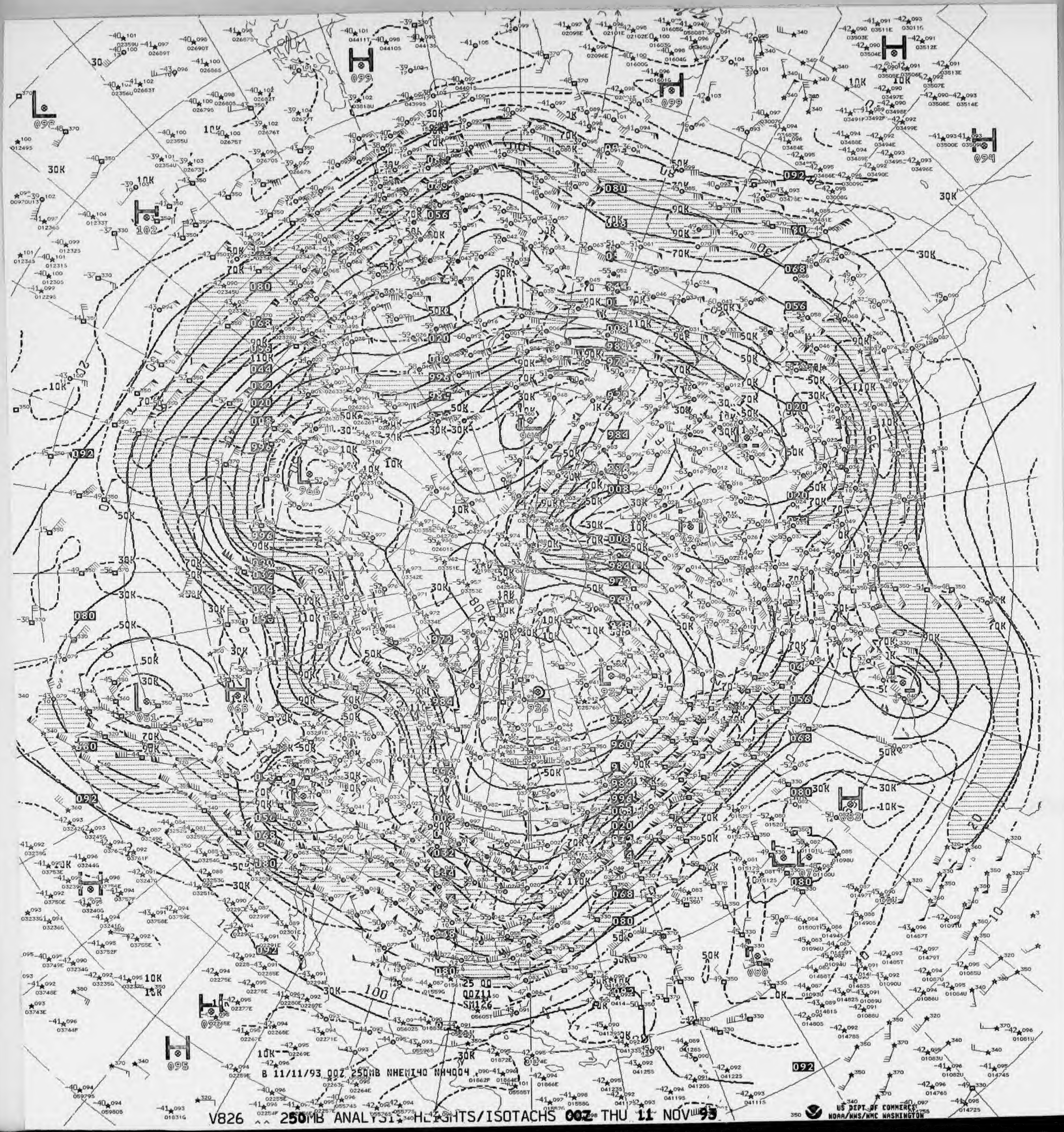
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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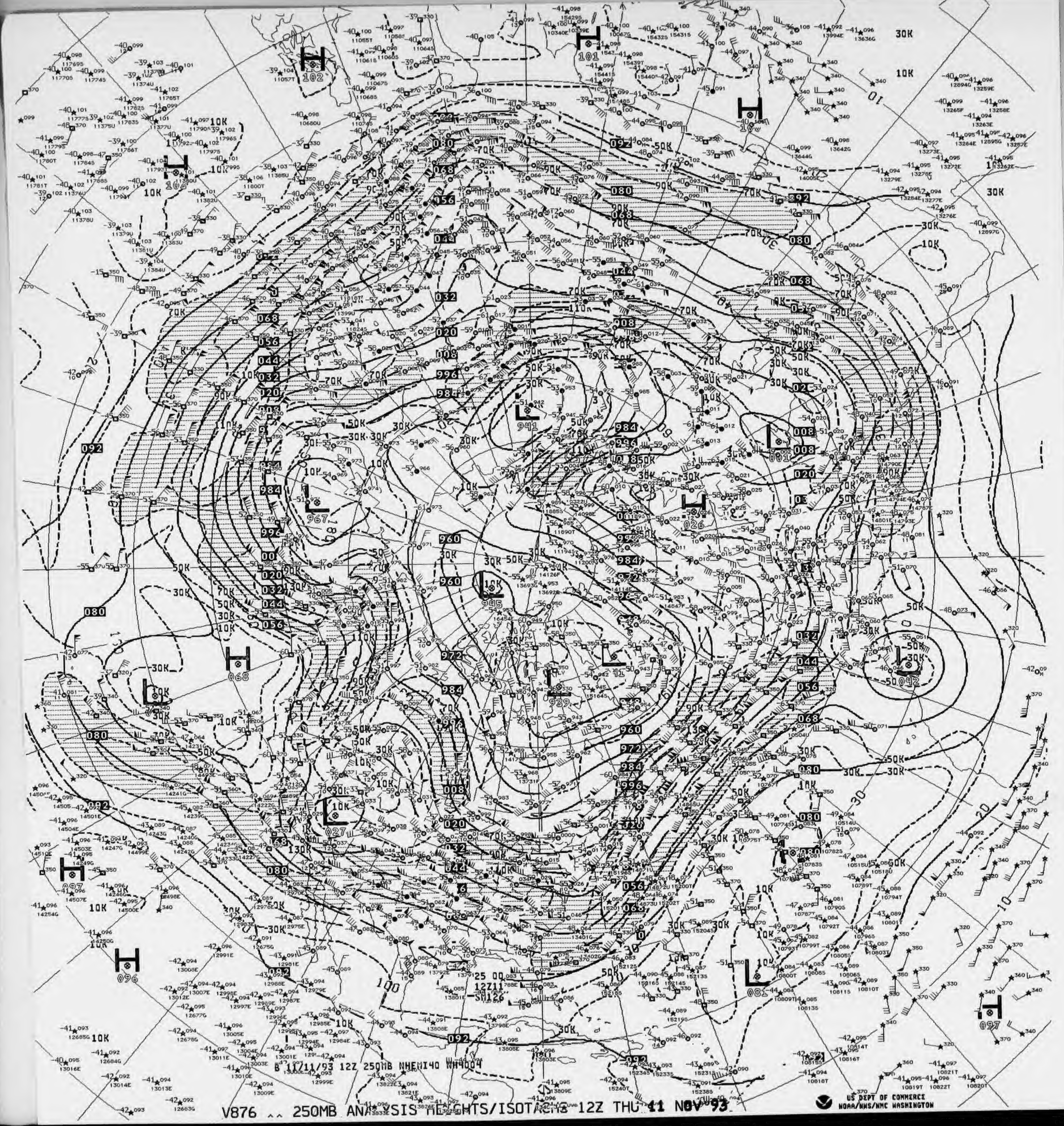
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 11 NOV 93



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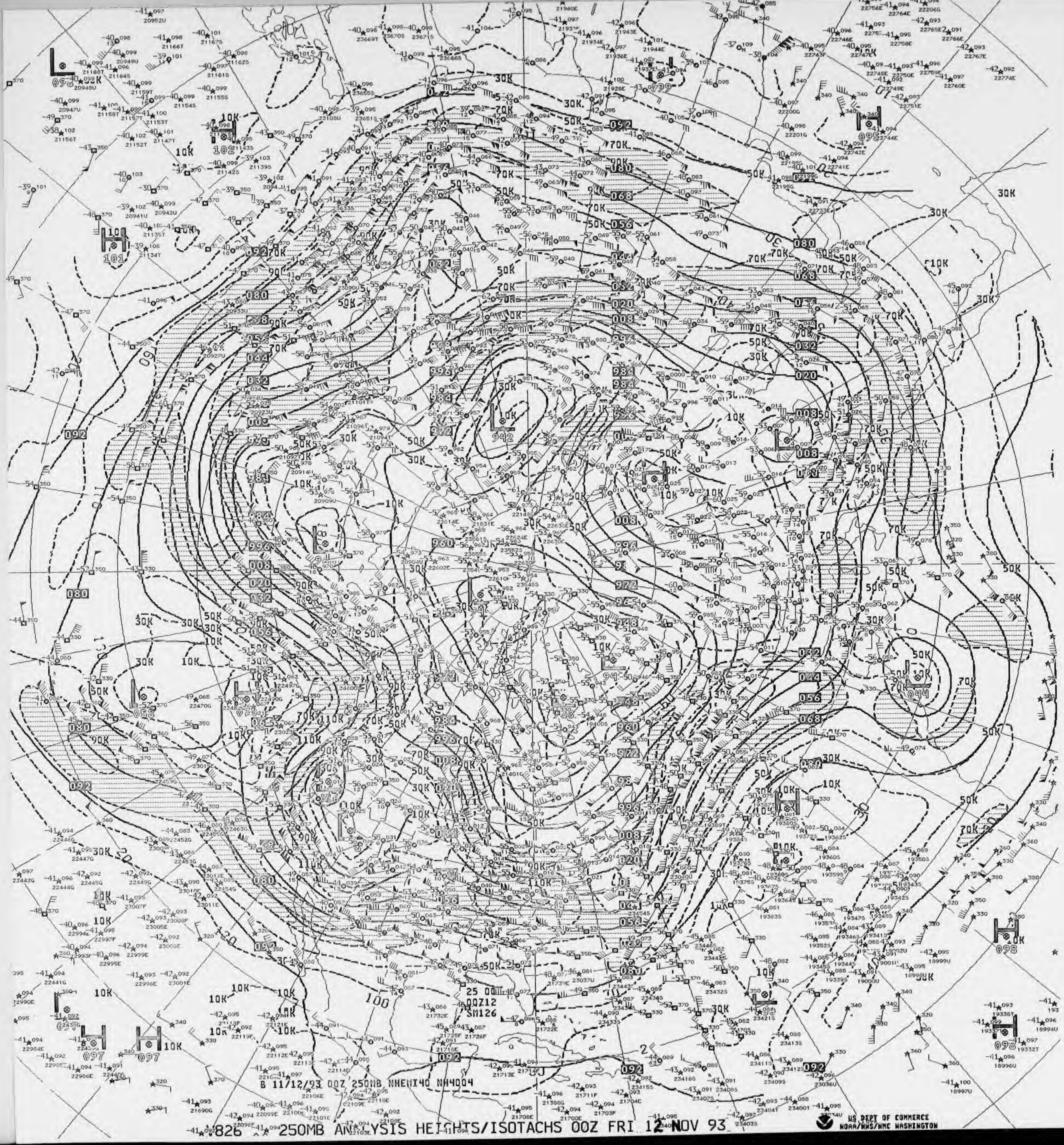
H 101
H 10
H 068
H 096
H 097
L 941
L 967
L 945
L 939
L 027
L 081
L 042
L 026
L 001
10K
30K
50K
70K
90K
110K
130K
25 00
12Z11
SM126

V876 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 11 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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00Z12
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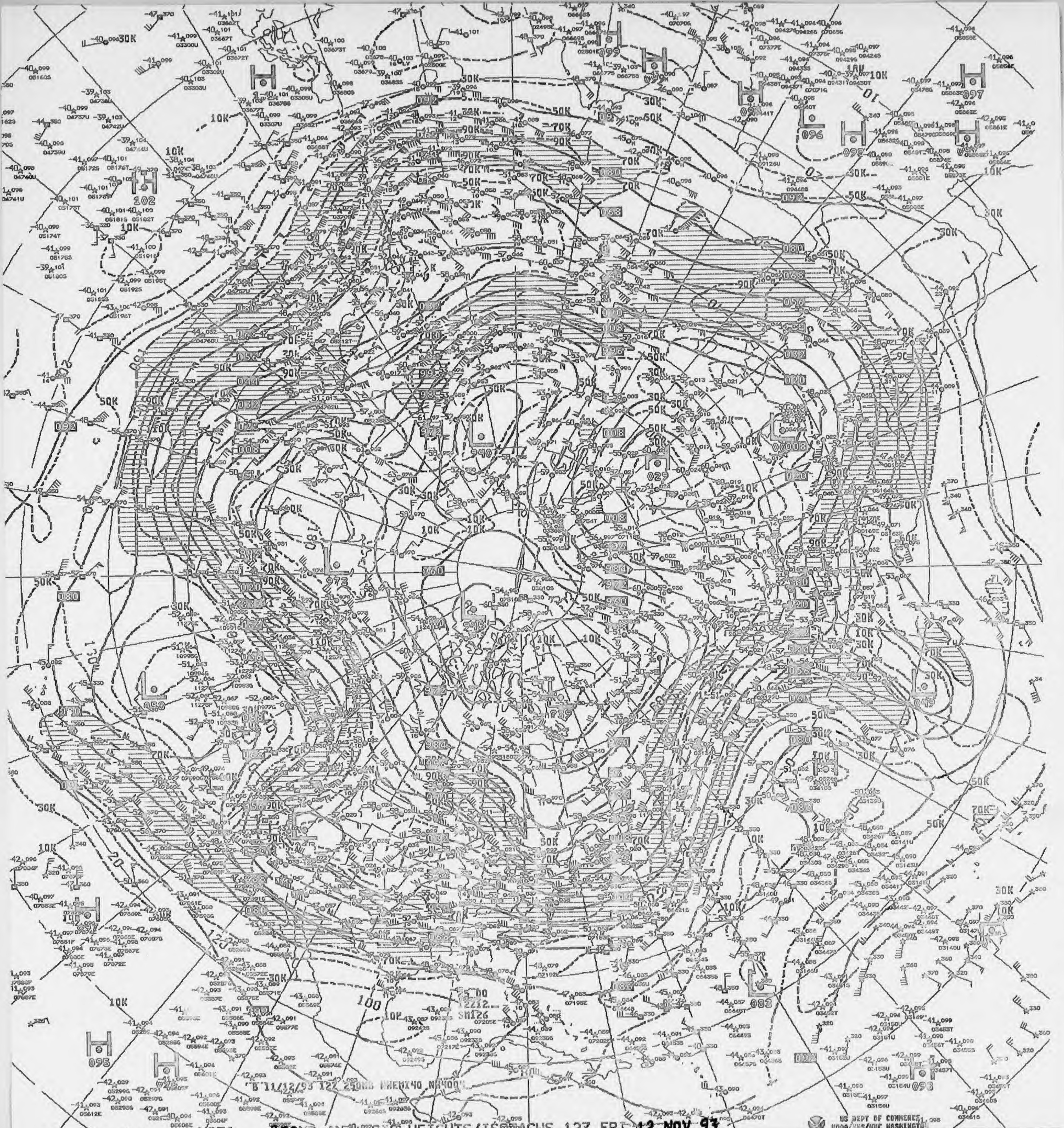
826 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 12 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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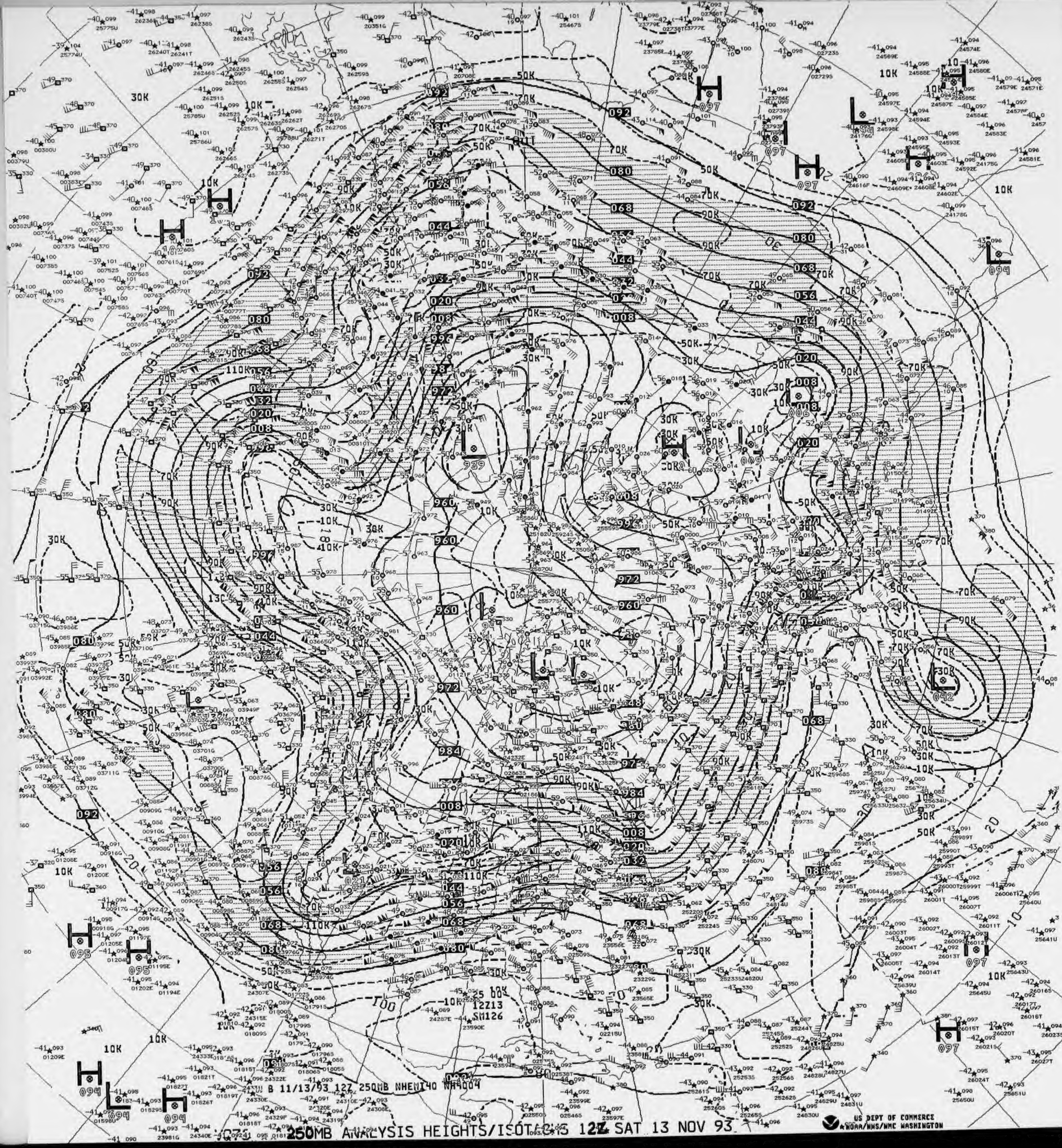
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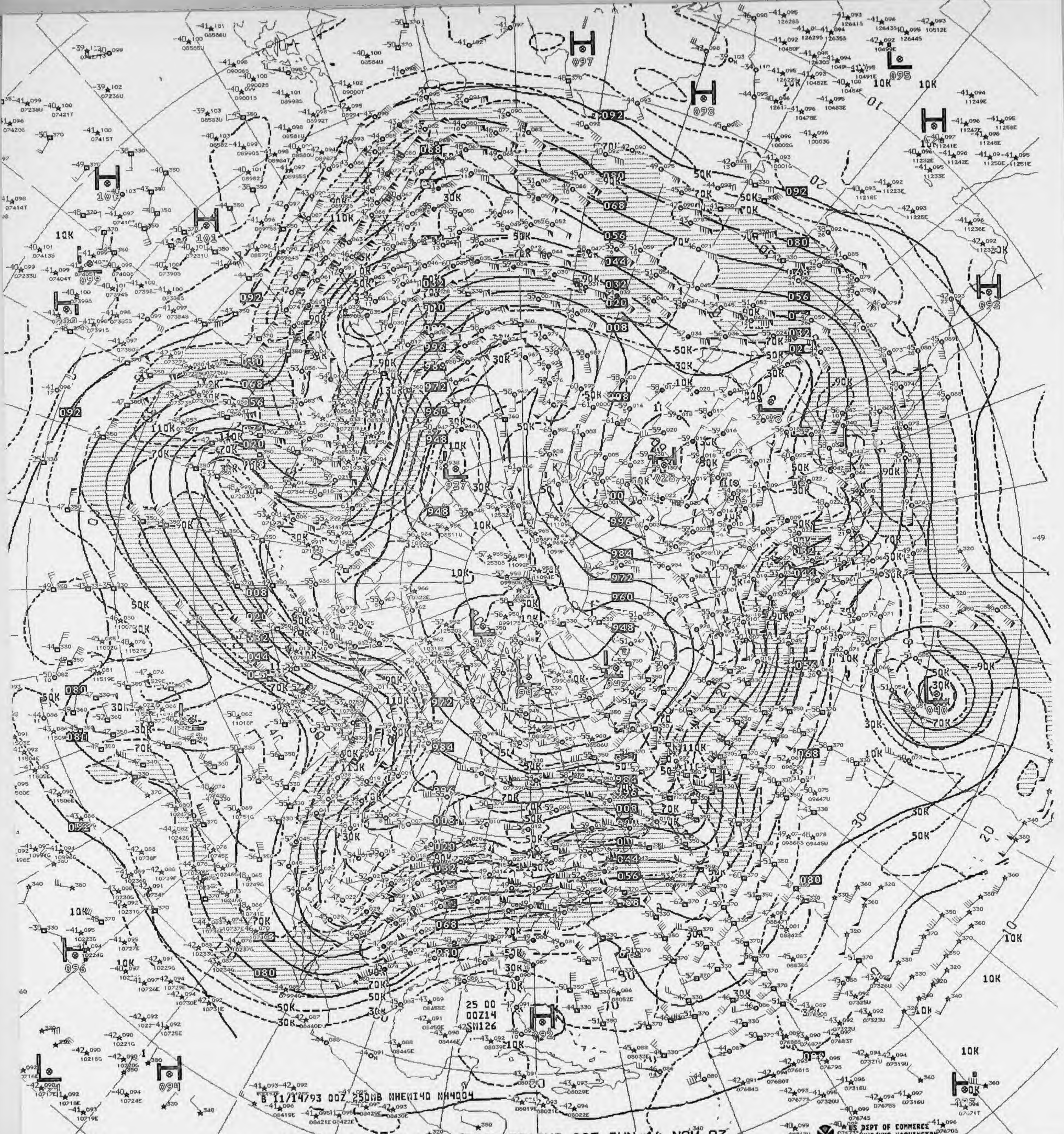
250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 13 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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00Z14
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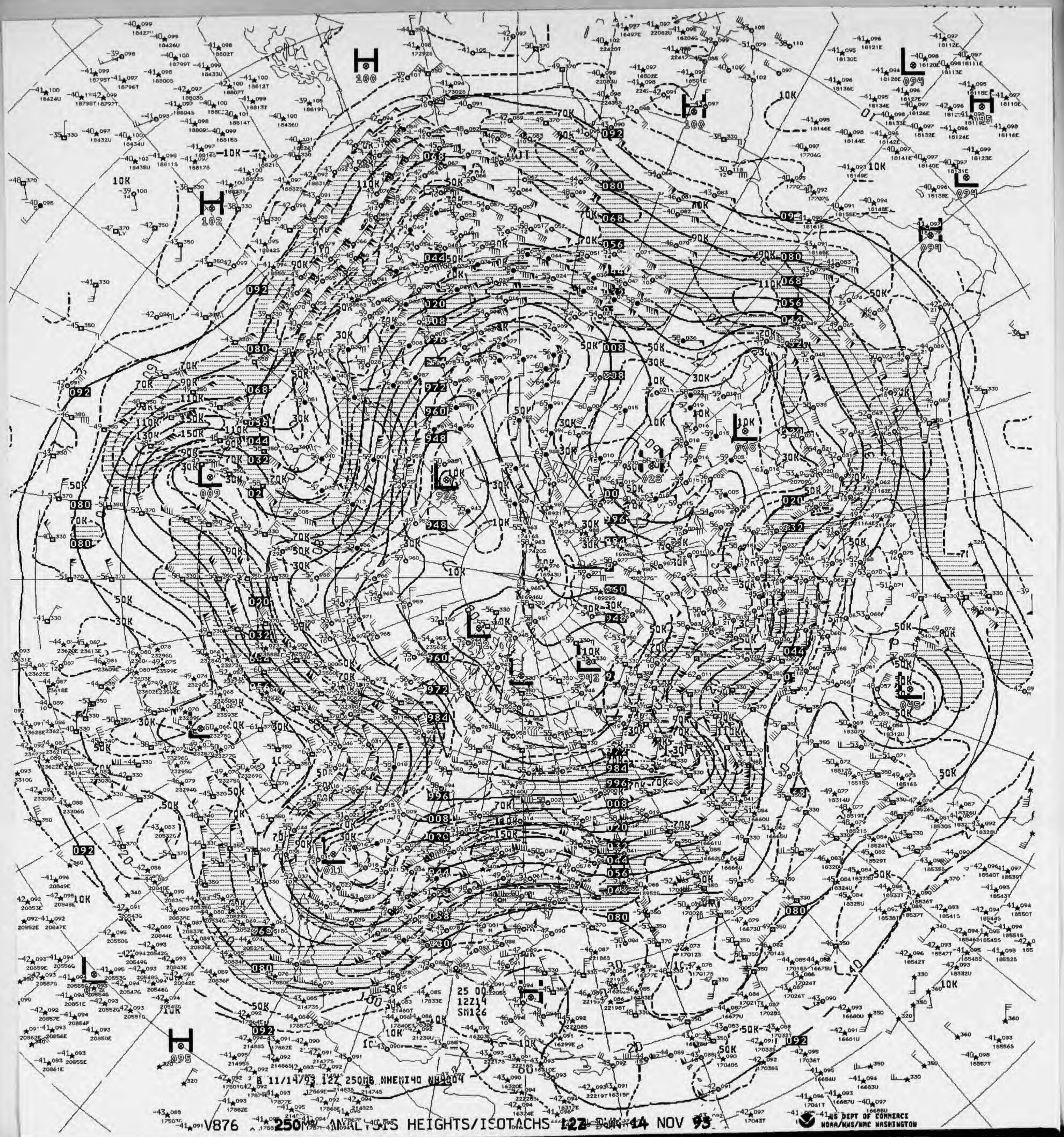
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 14 NOV 93



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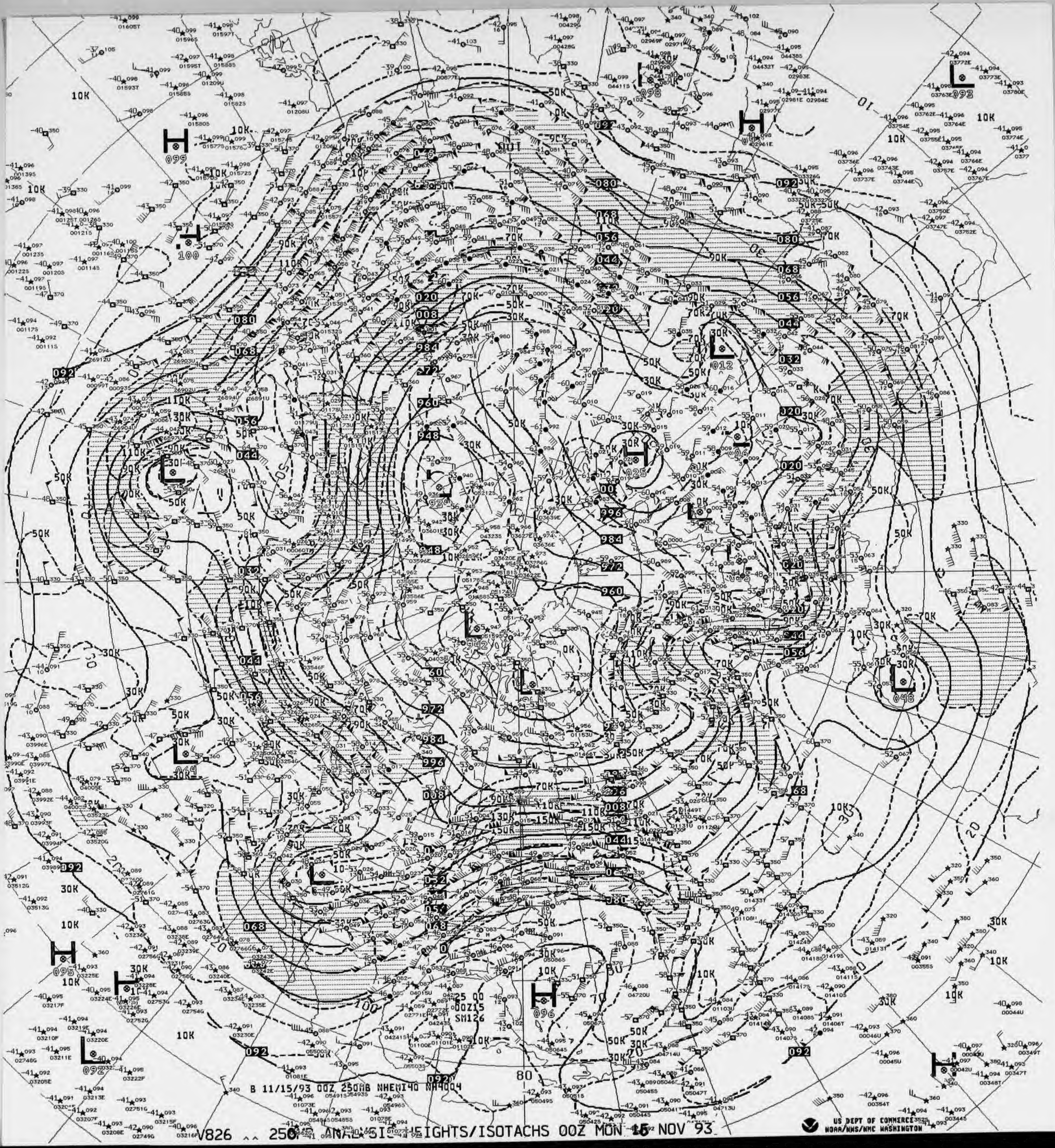
V876 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 14 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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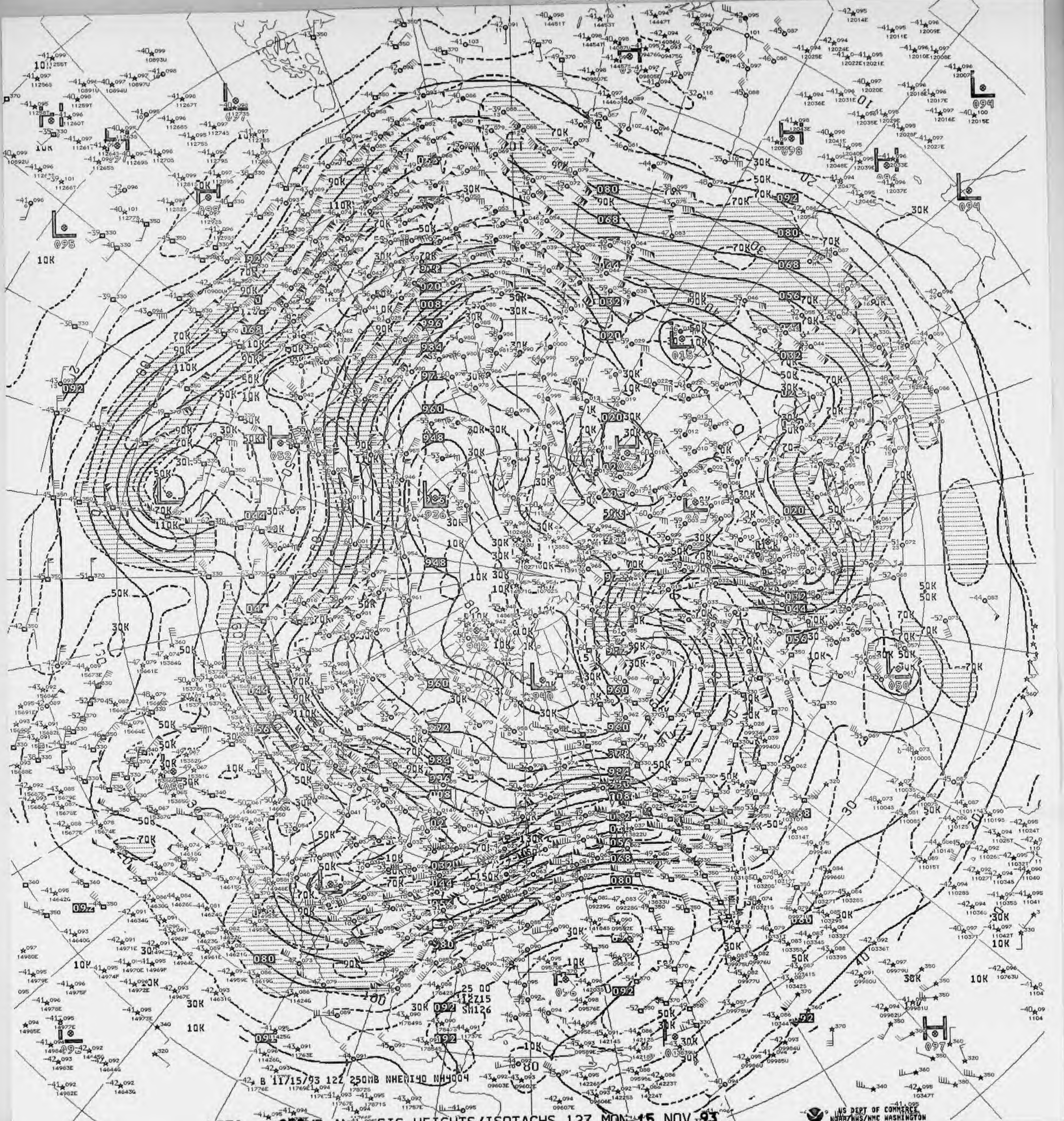
80

V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 15 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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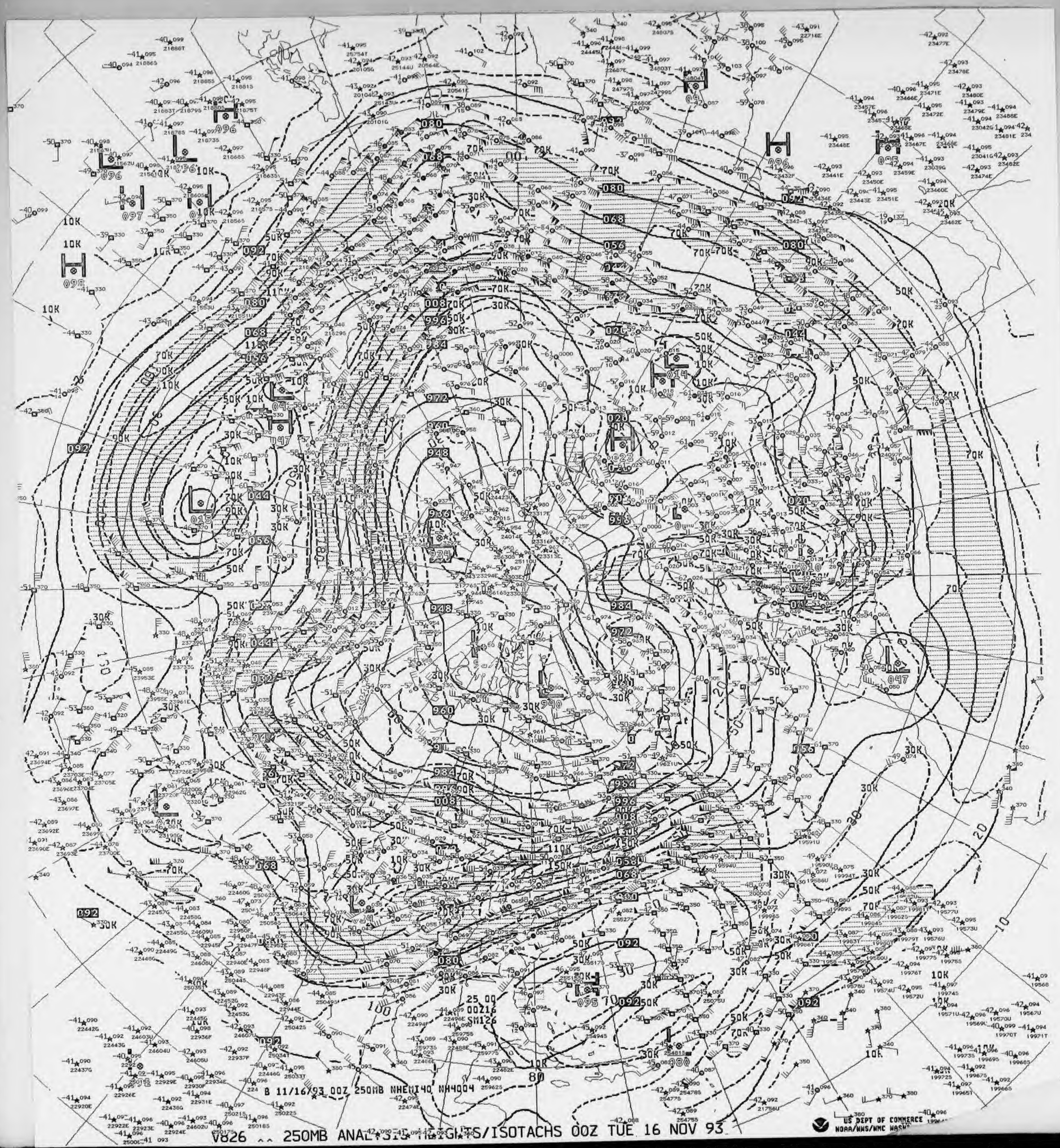
112715
SM126

V876 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 15 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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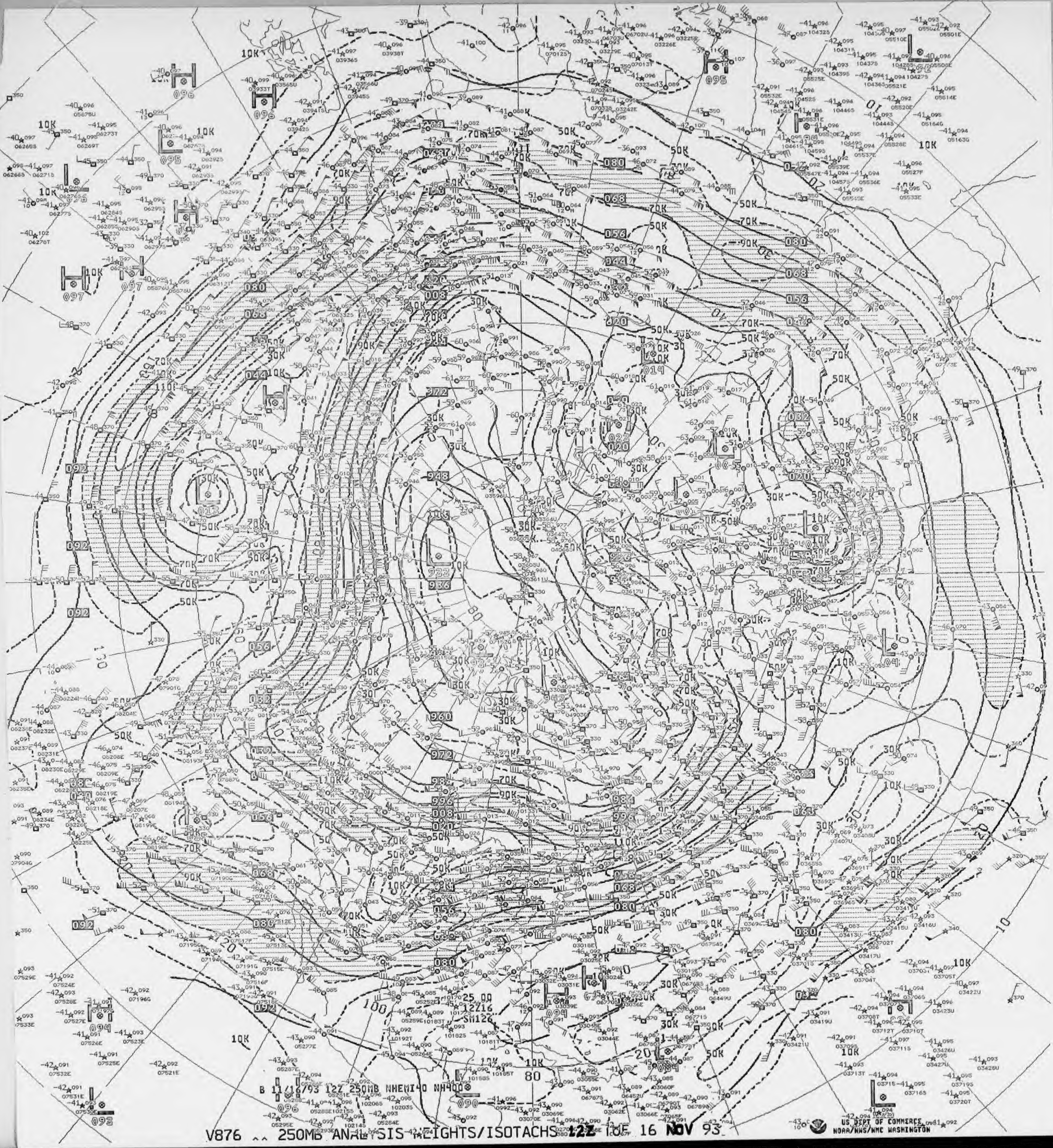
US DEPT OF COMMERCE
NOAA/NWS/NMC WASH



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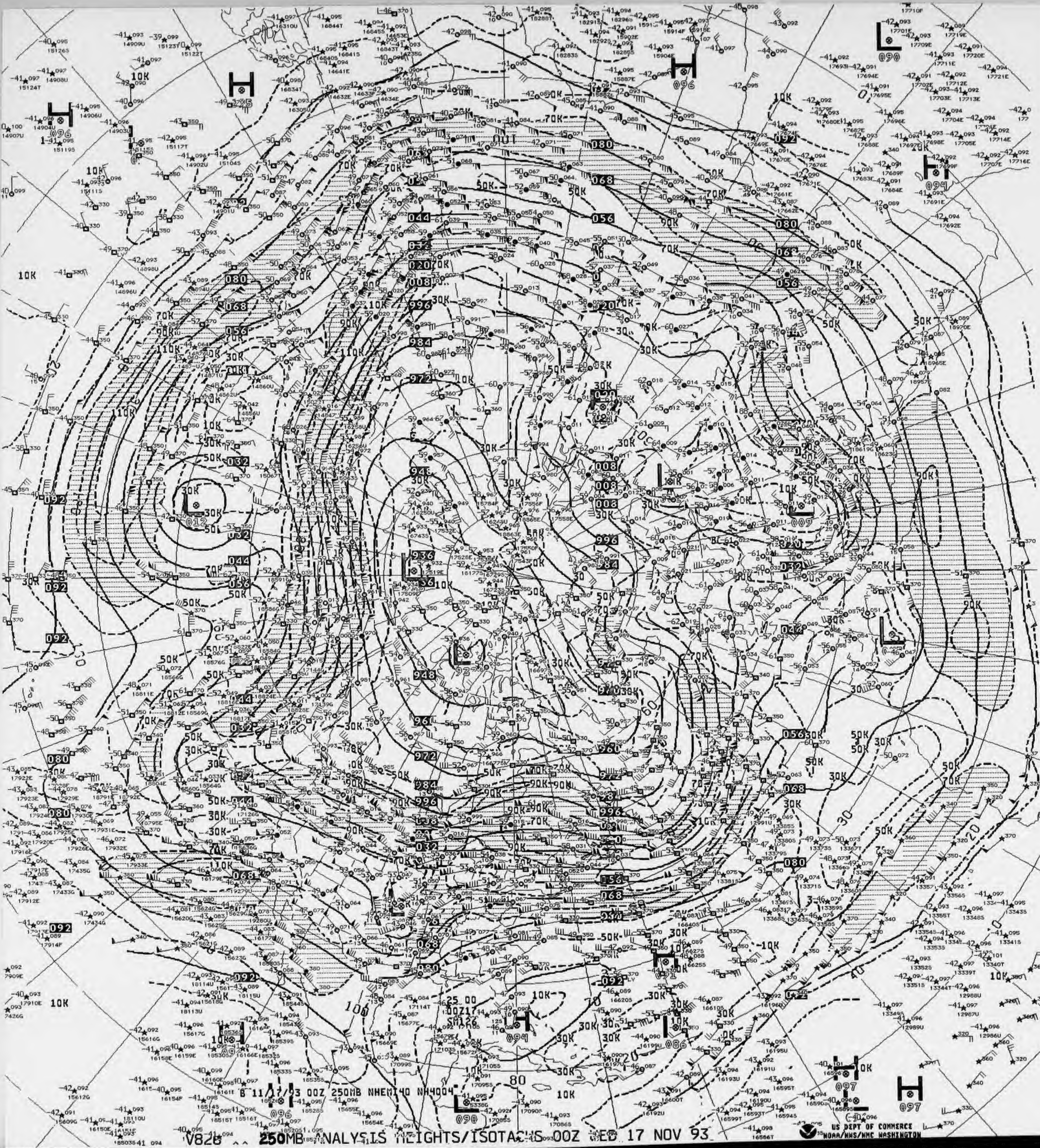
V876 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 16 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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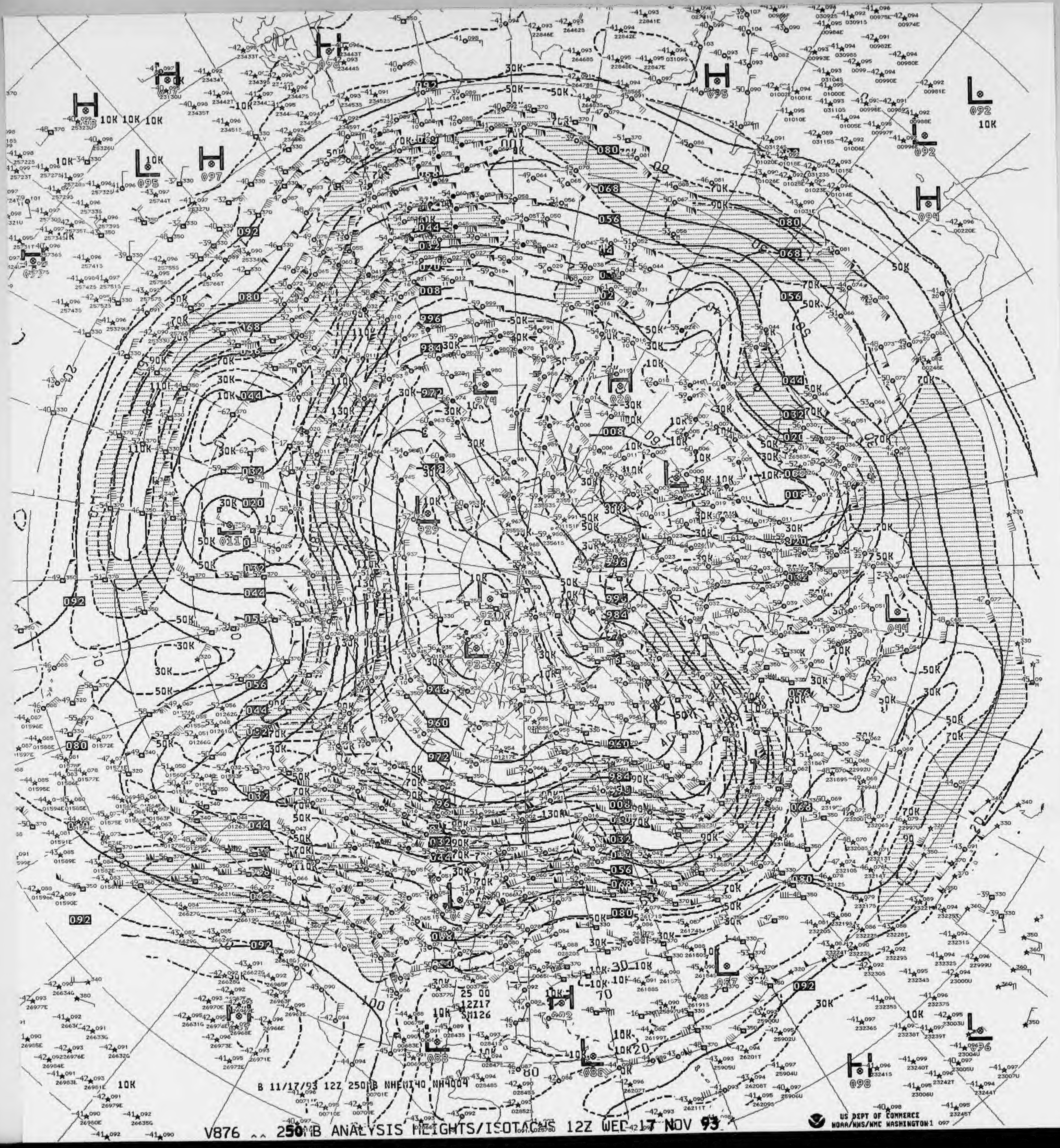
H
L
10K
30K
50K
70K
90K
110K

V828 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 17 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
]



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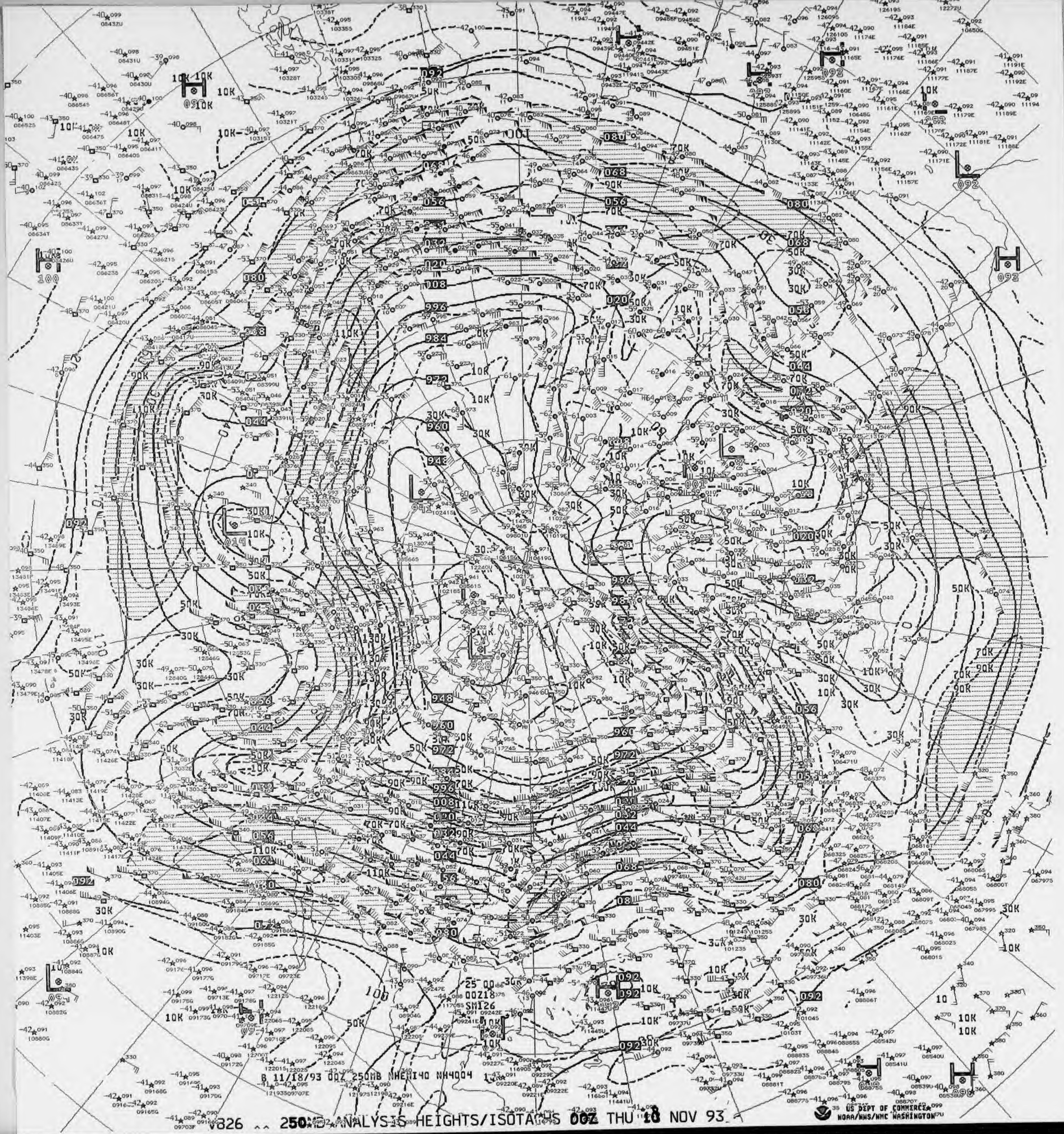
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON 1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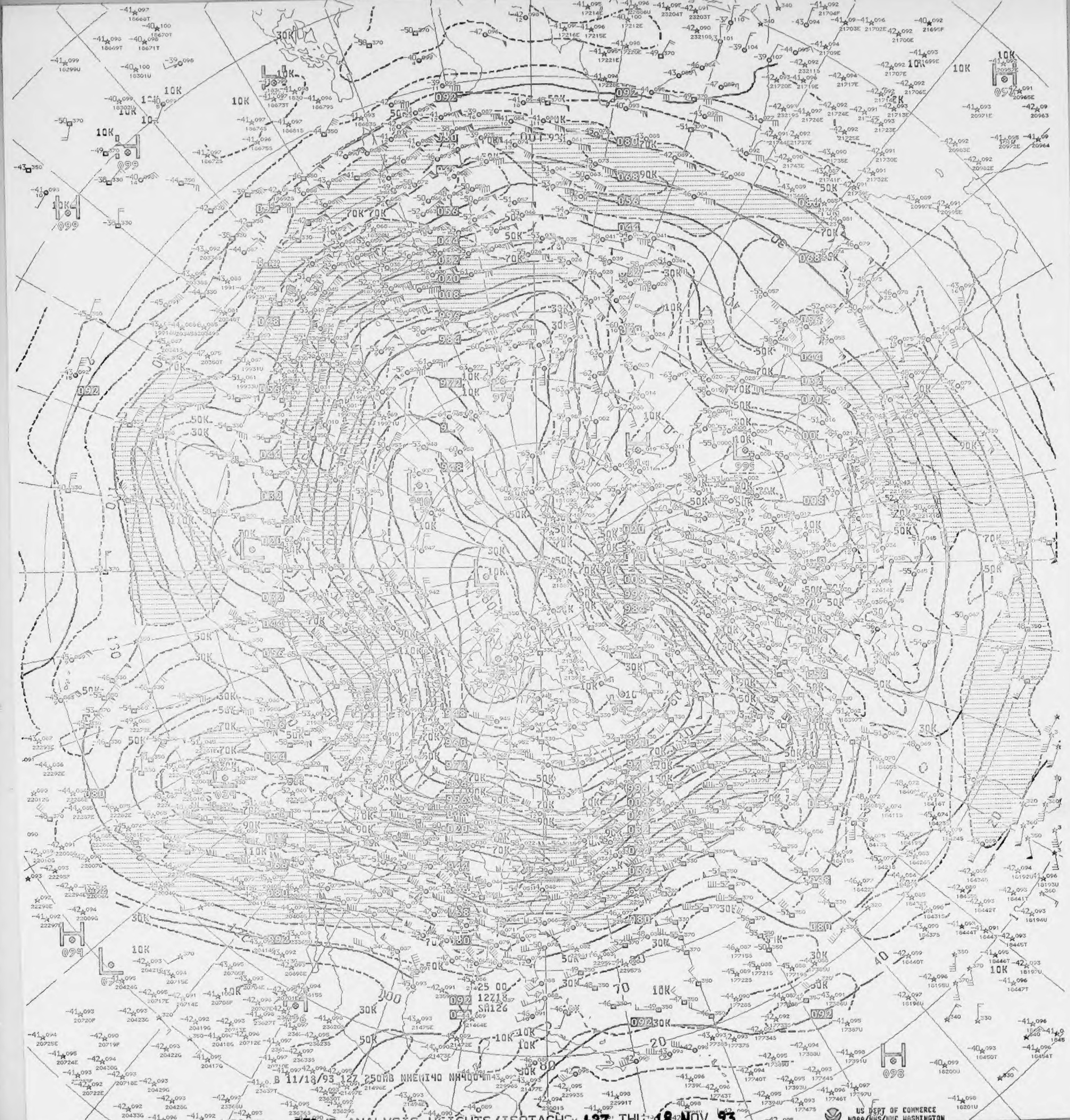
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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SA126
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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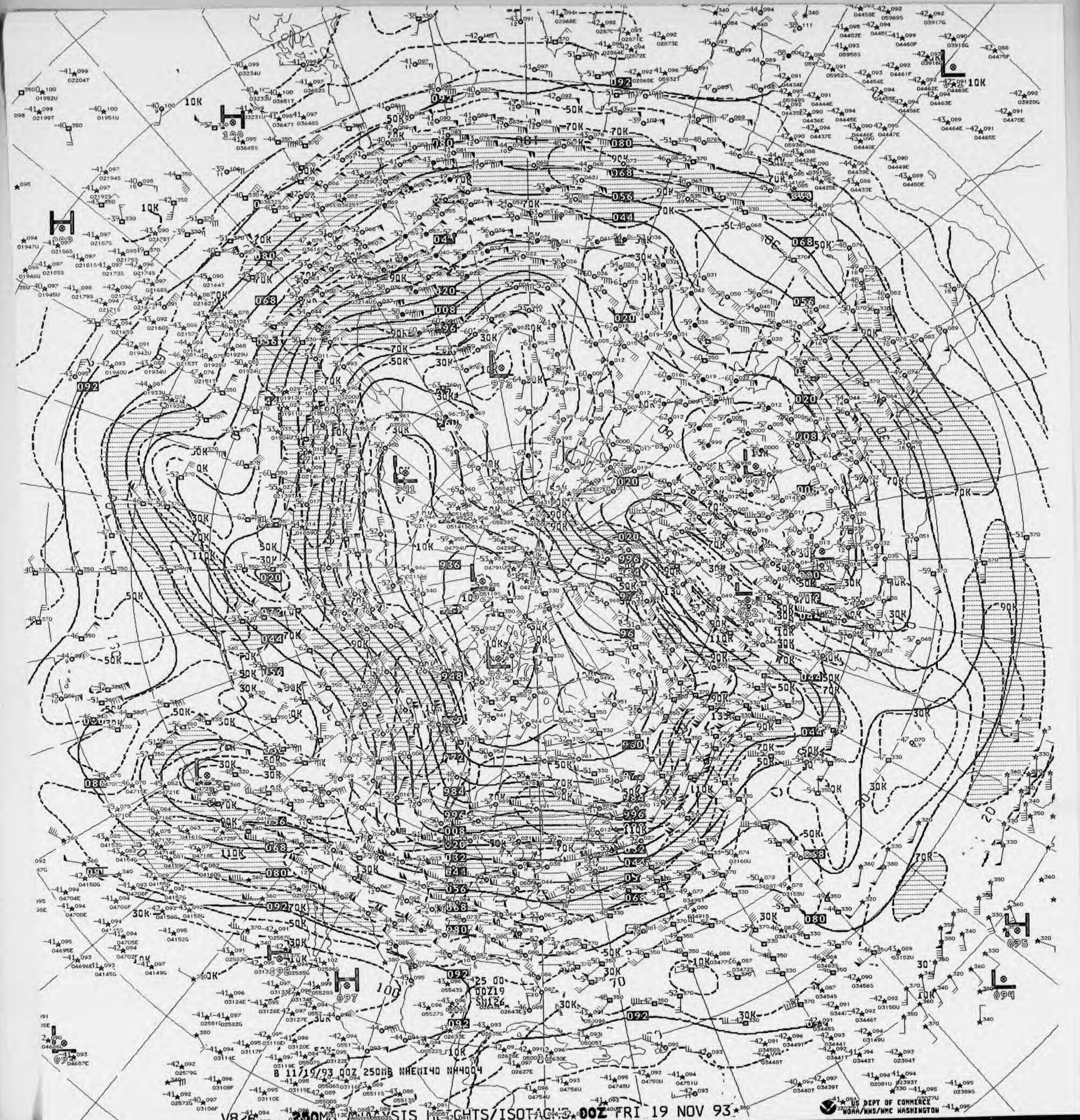
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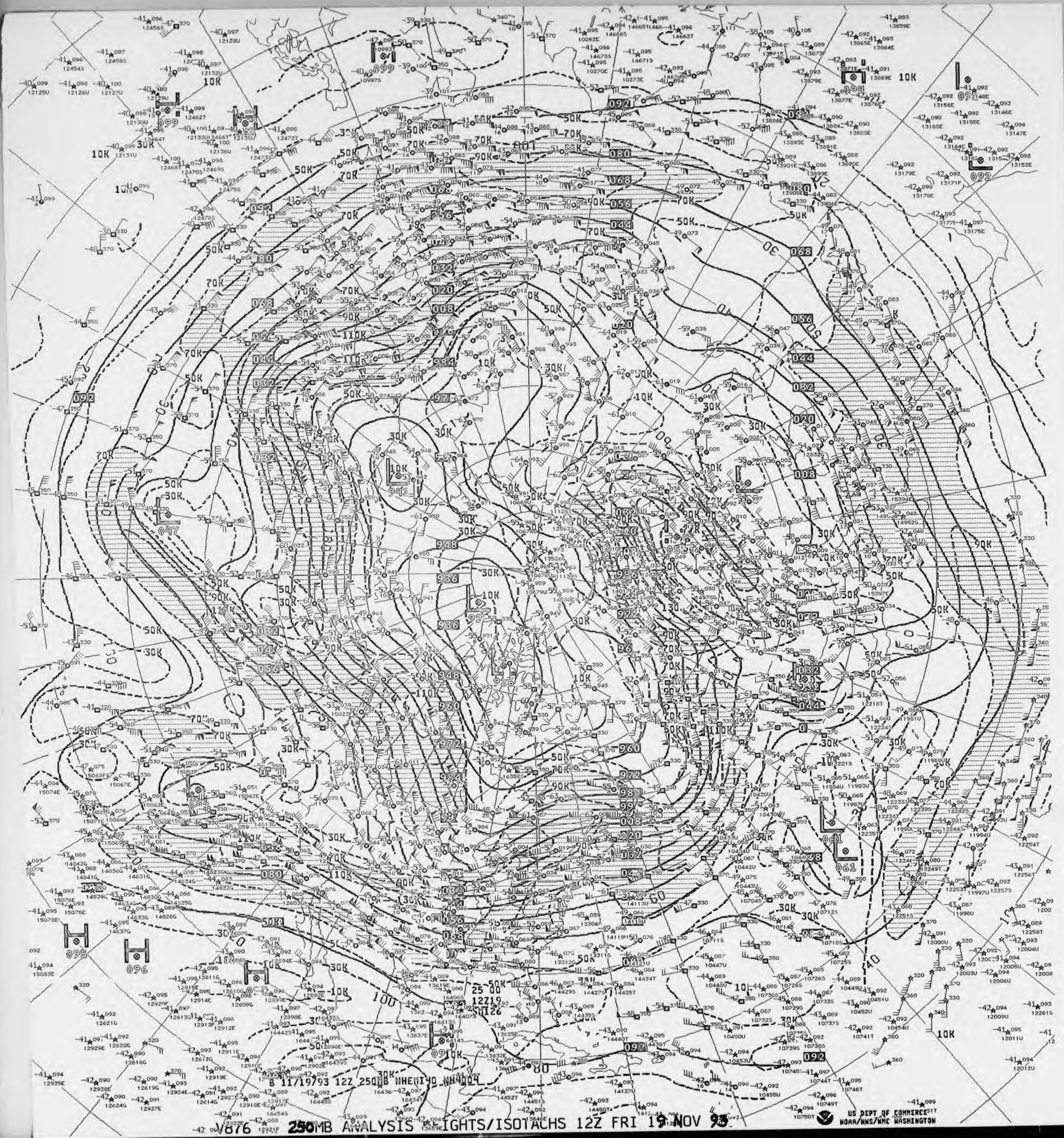
V826 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 19 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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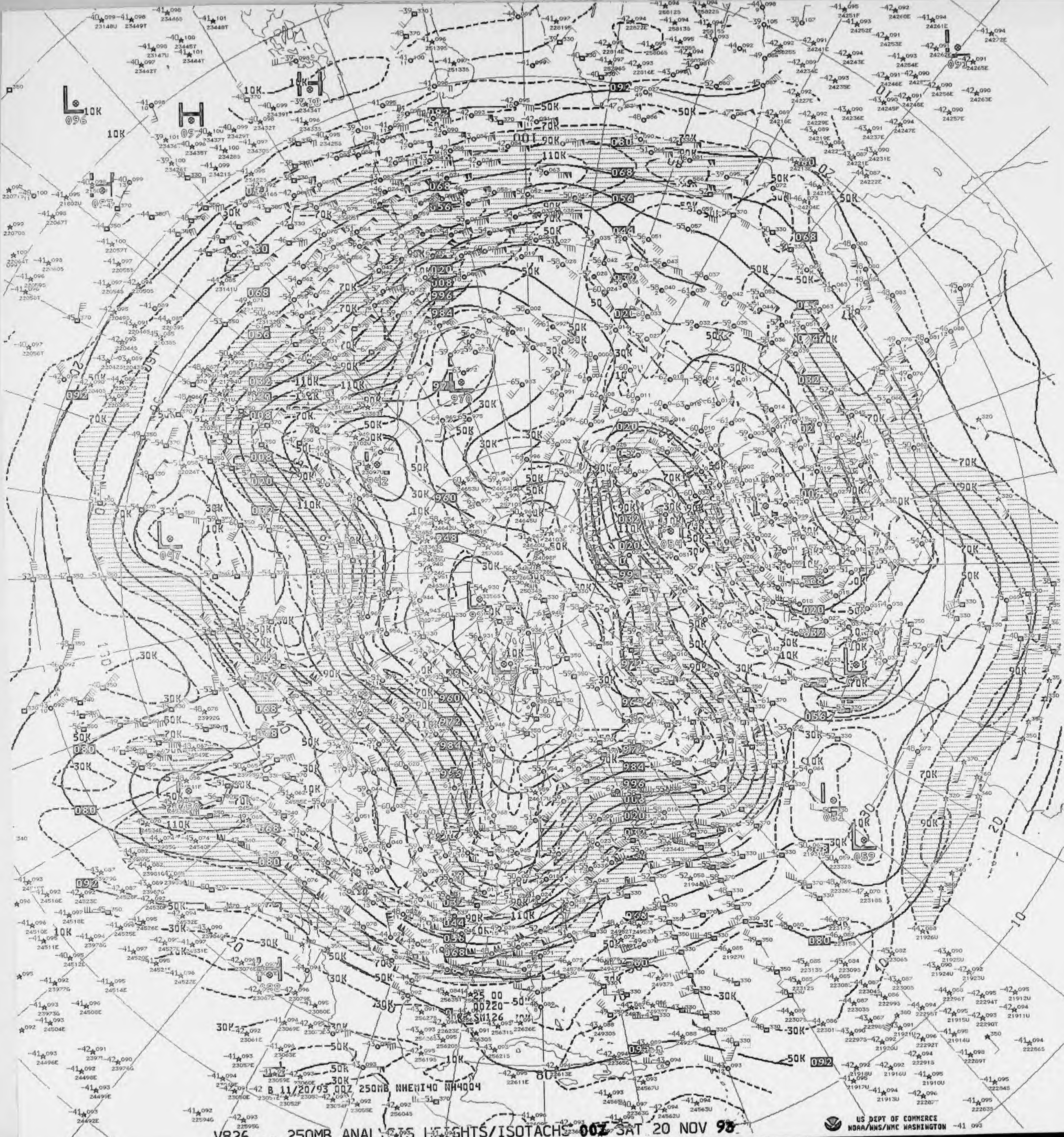
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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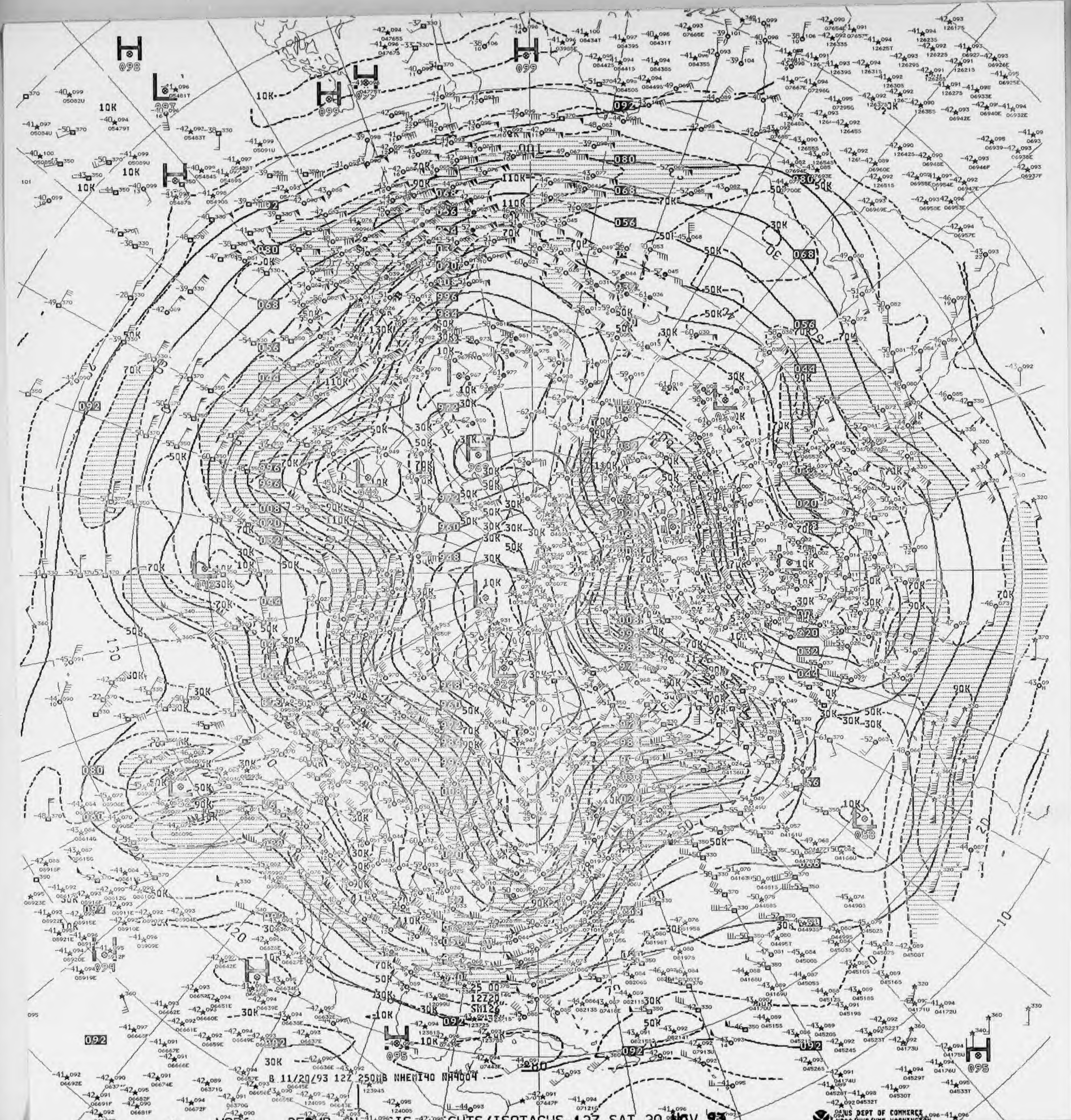
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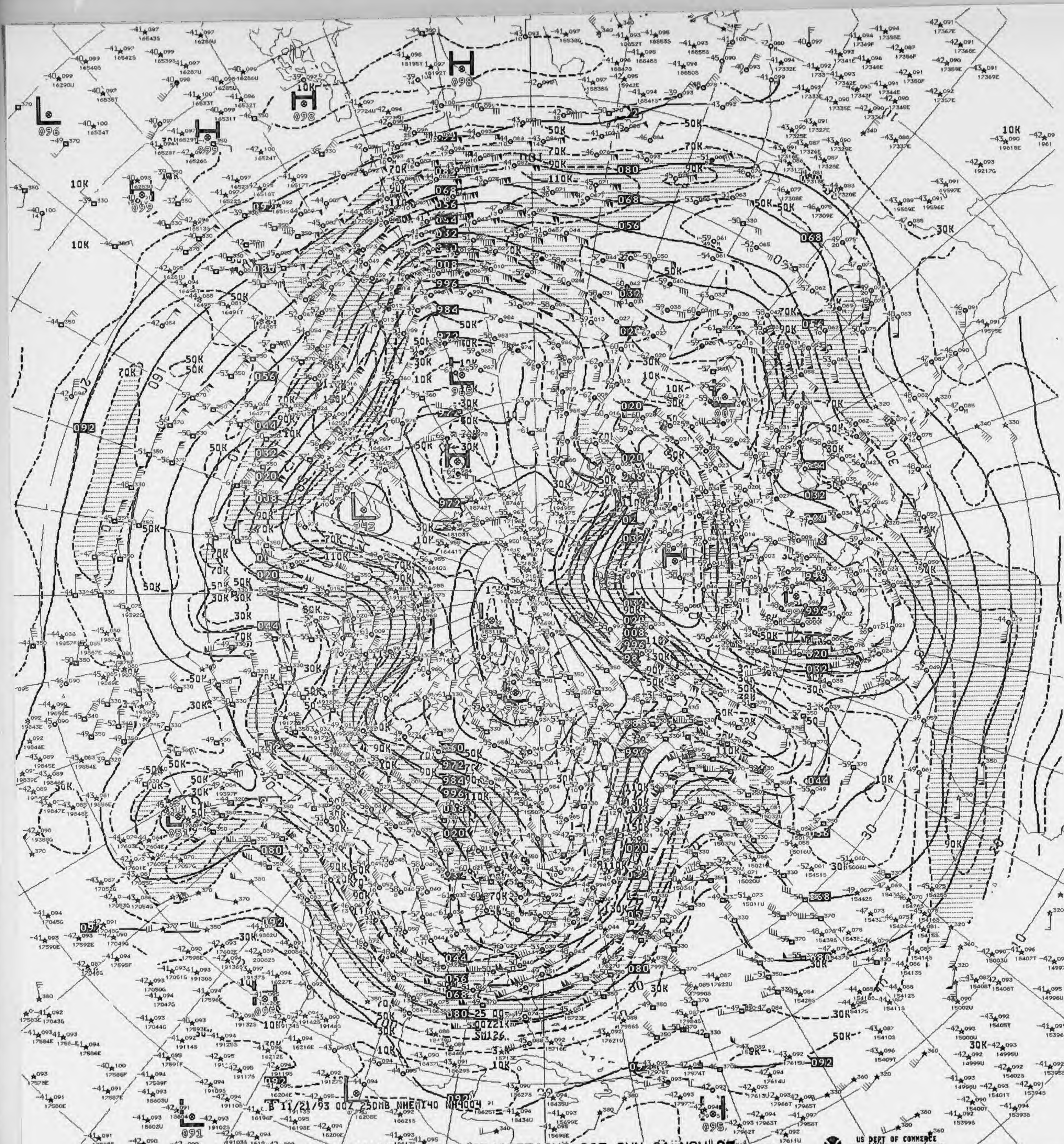
V8T0 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 20 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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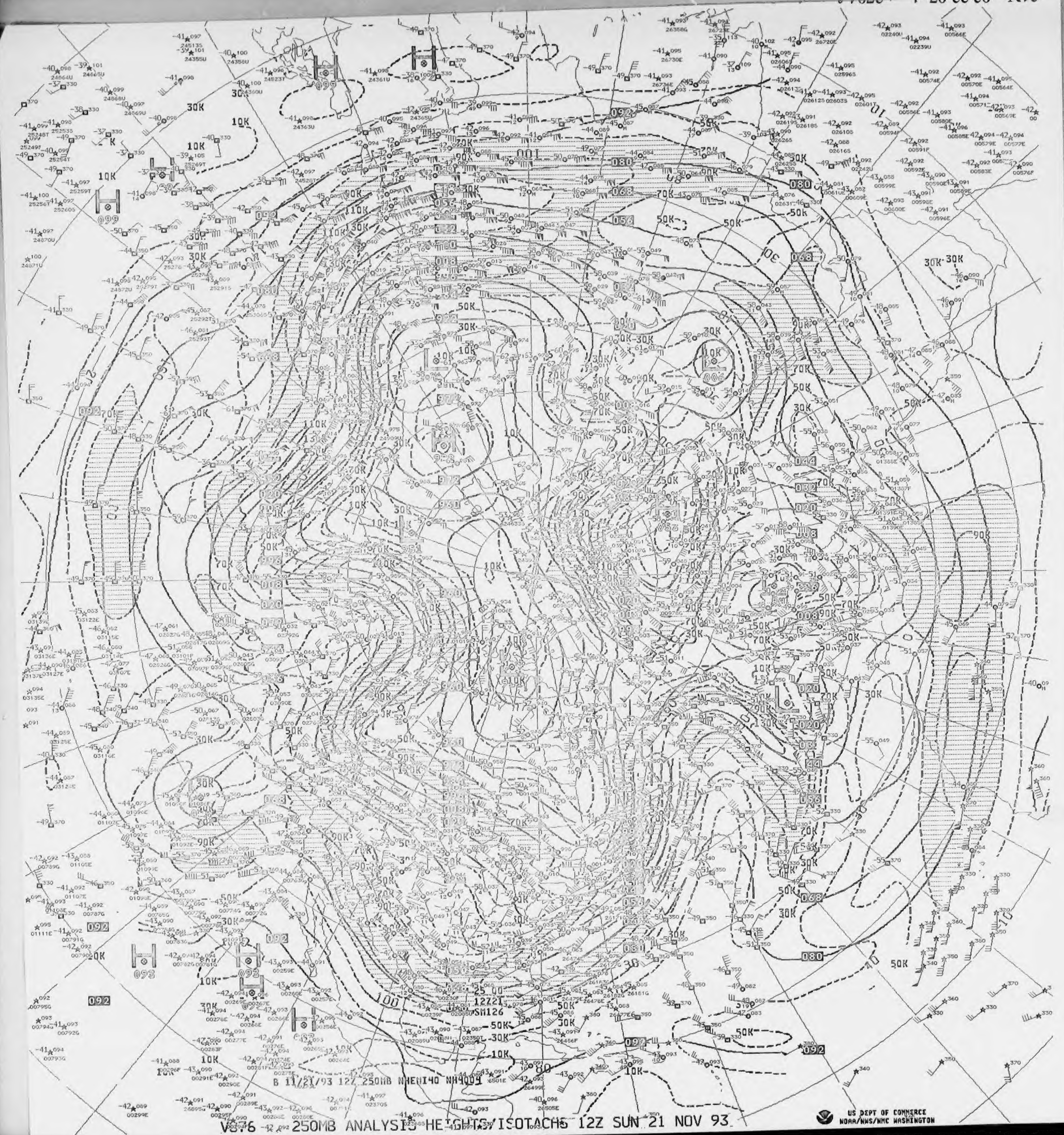
H
L
10K
30K
50K
70K
90K
110K
130K

V826 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 21 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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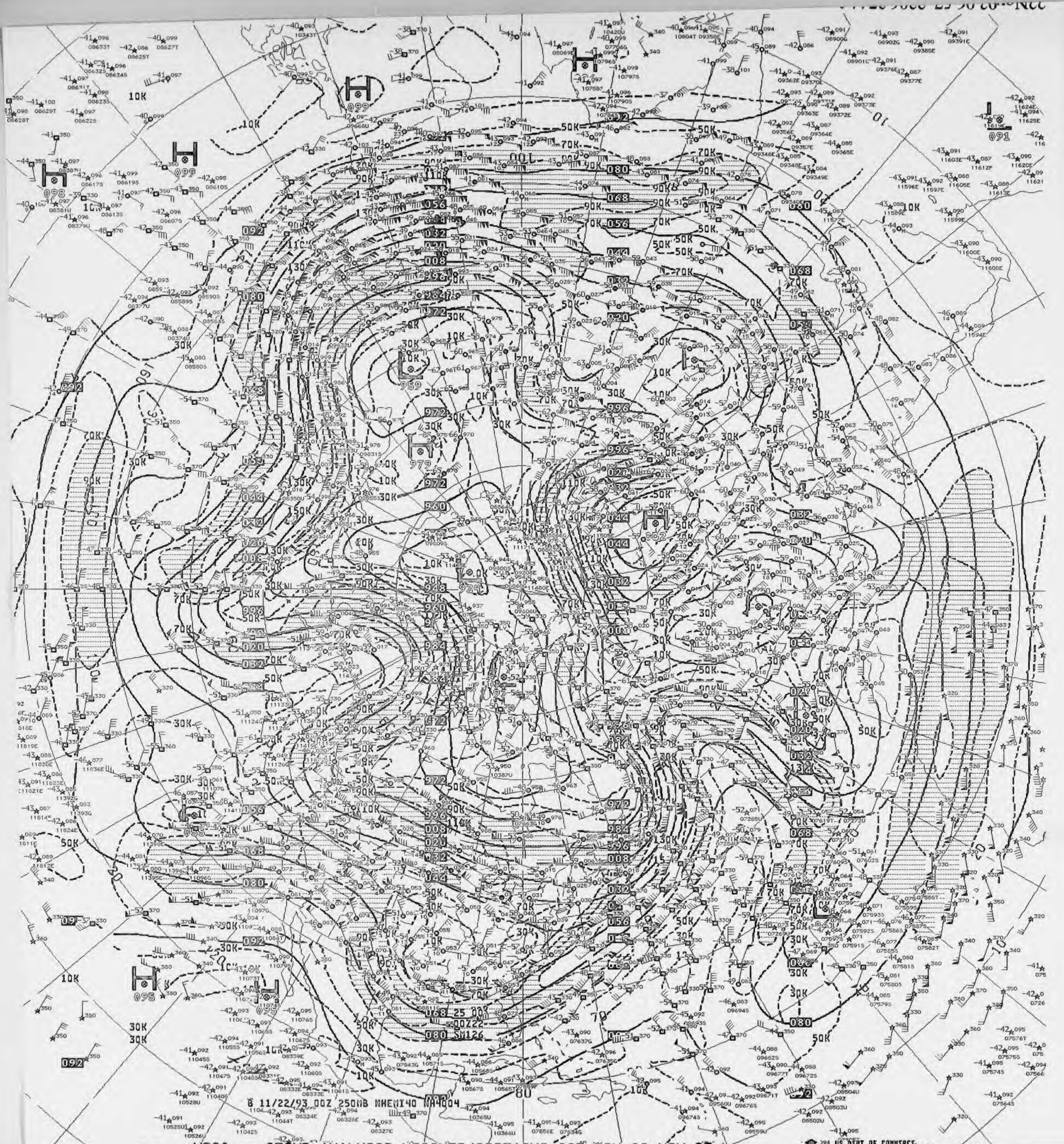
50K
70K
90K
110K
H
L

V876 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 21 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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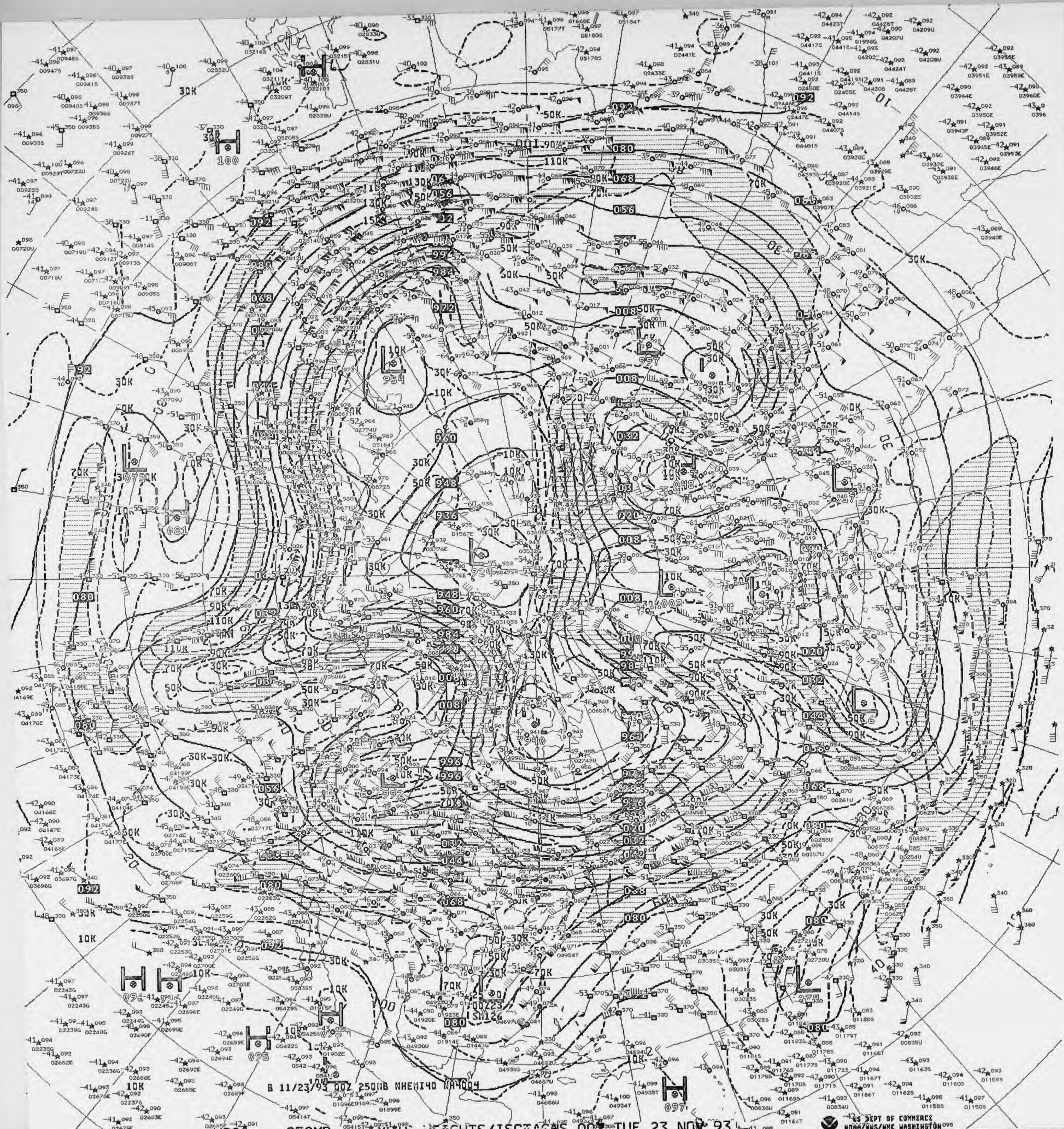
US DEPT OF COMMERCE

V826 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 22 NOV 93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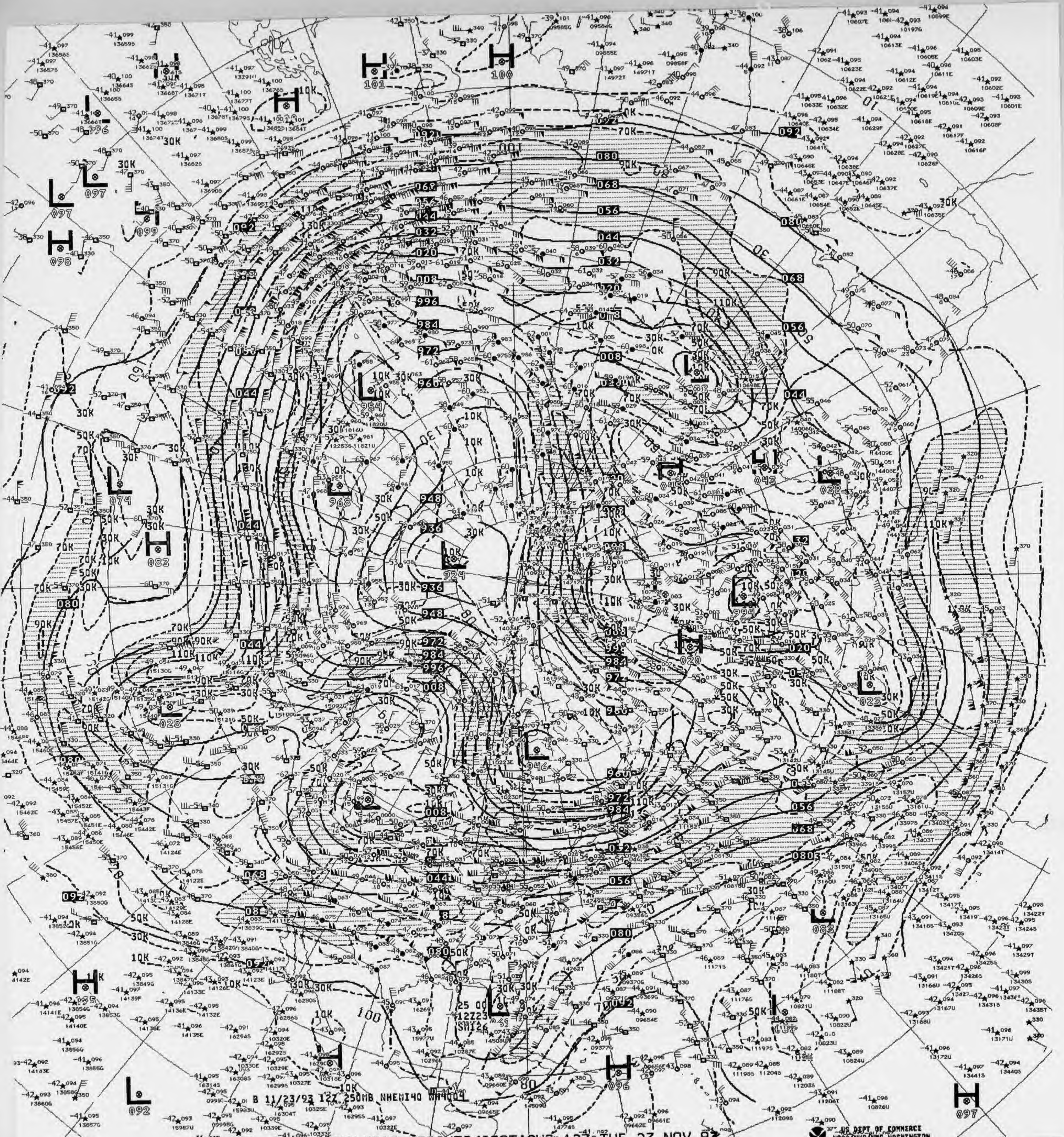
V828 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 23 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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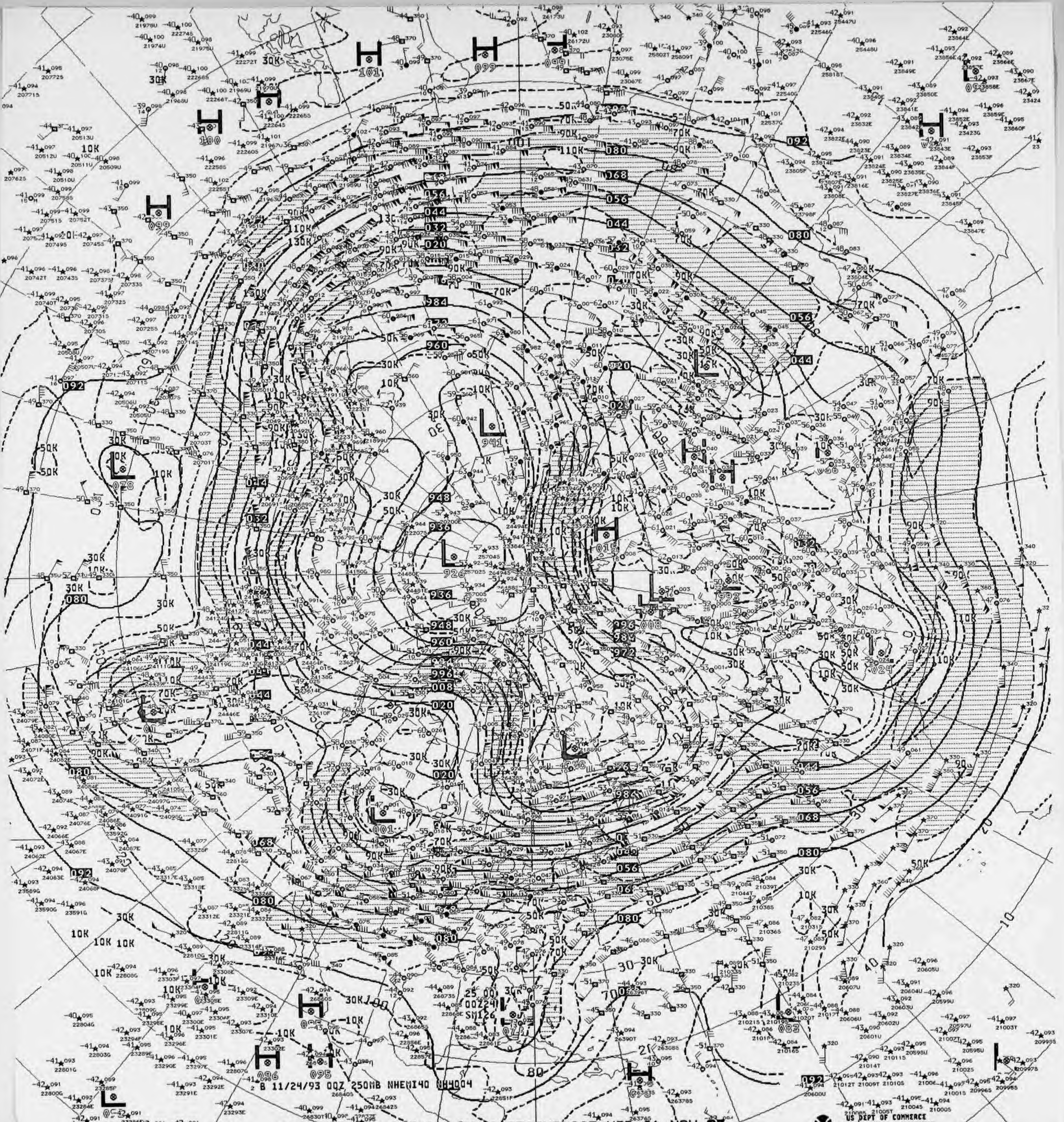
250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 23 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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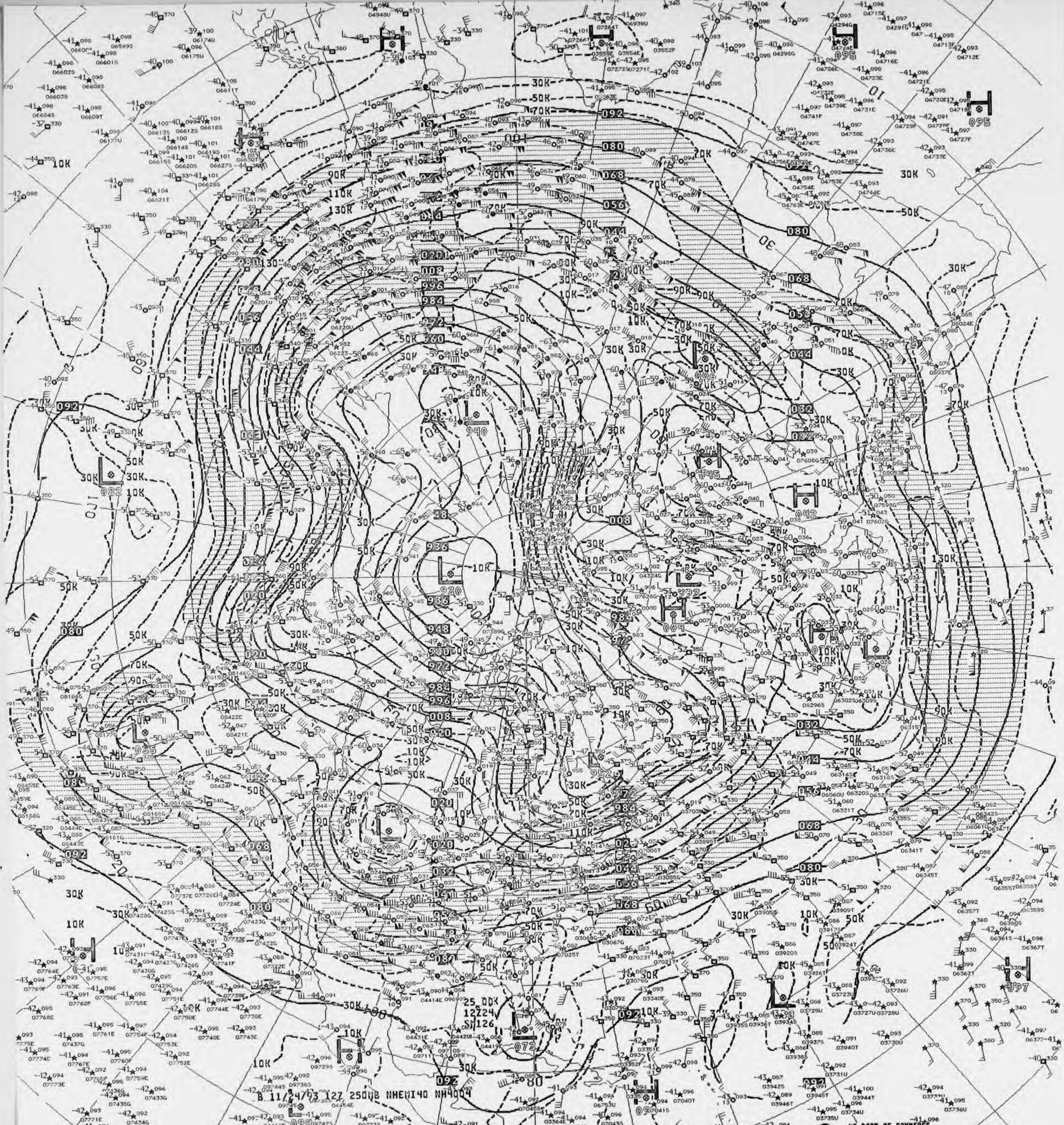
V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 24 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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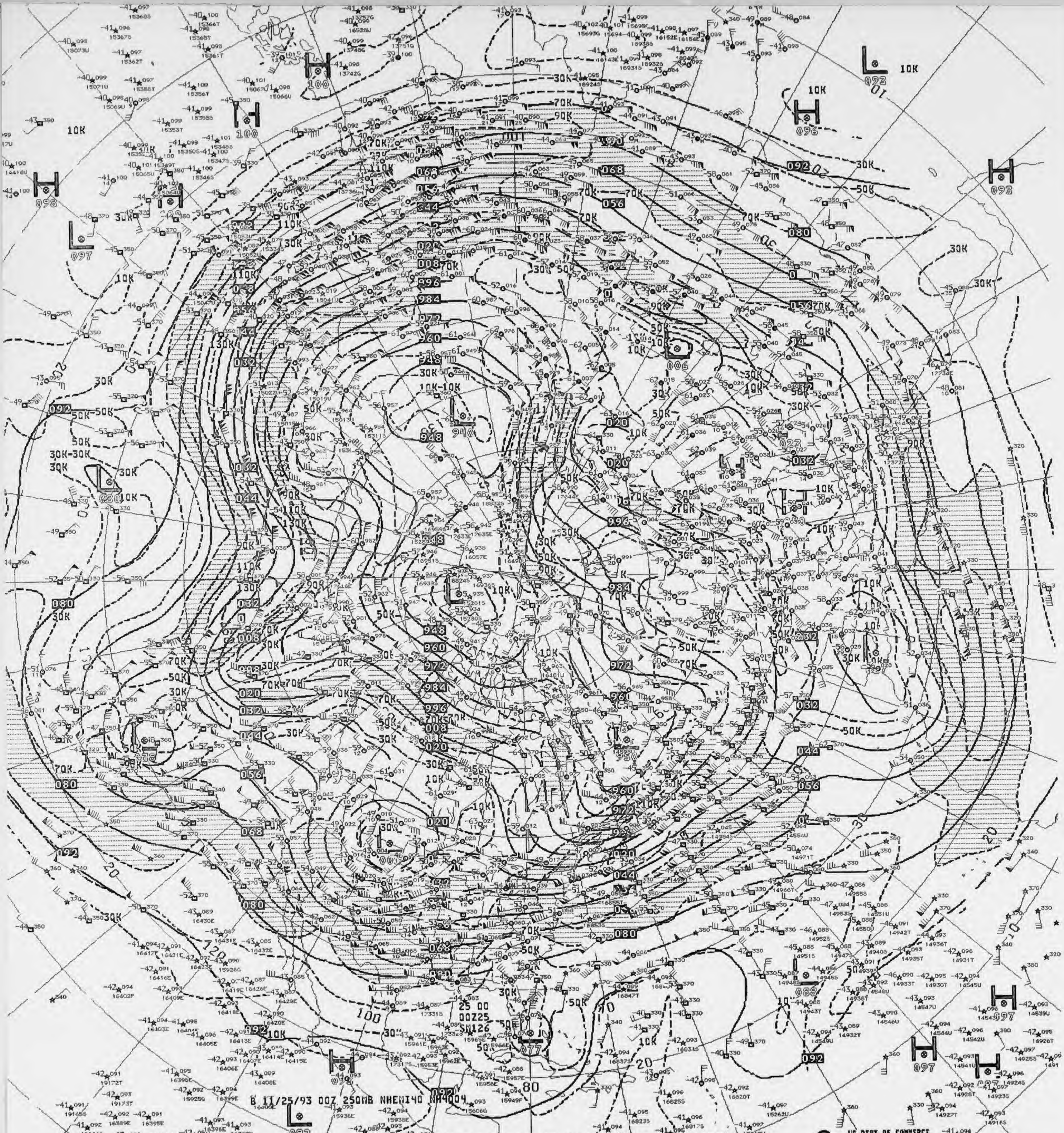
25 00K
12224
SM126

V876 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 24 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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25 00
00Z25
SN126
H
L
10K
30K
50K
70K
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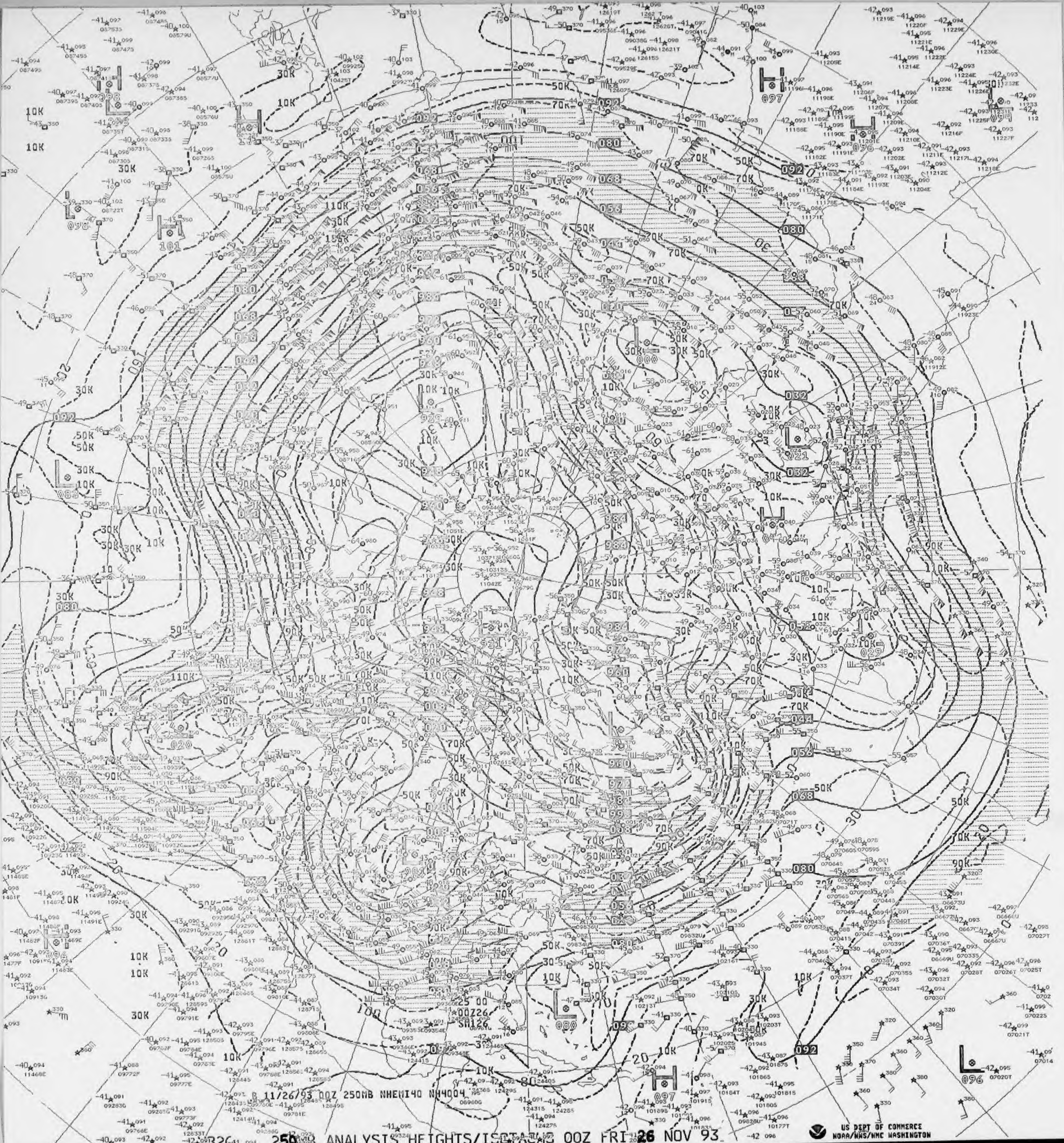
110K
130K

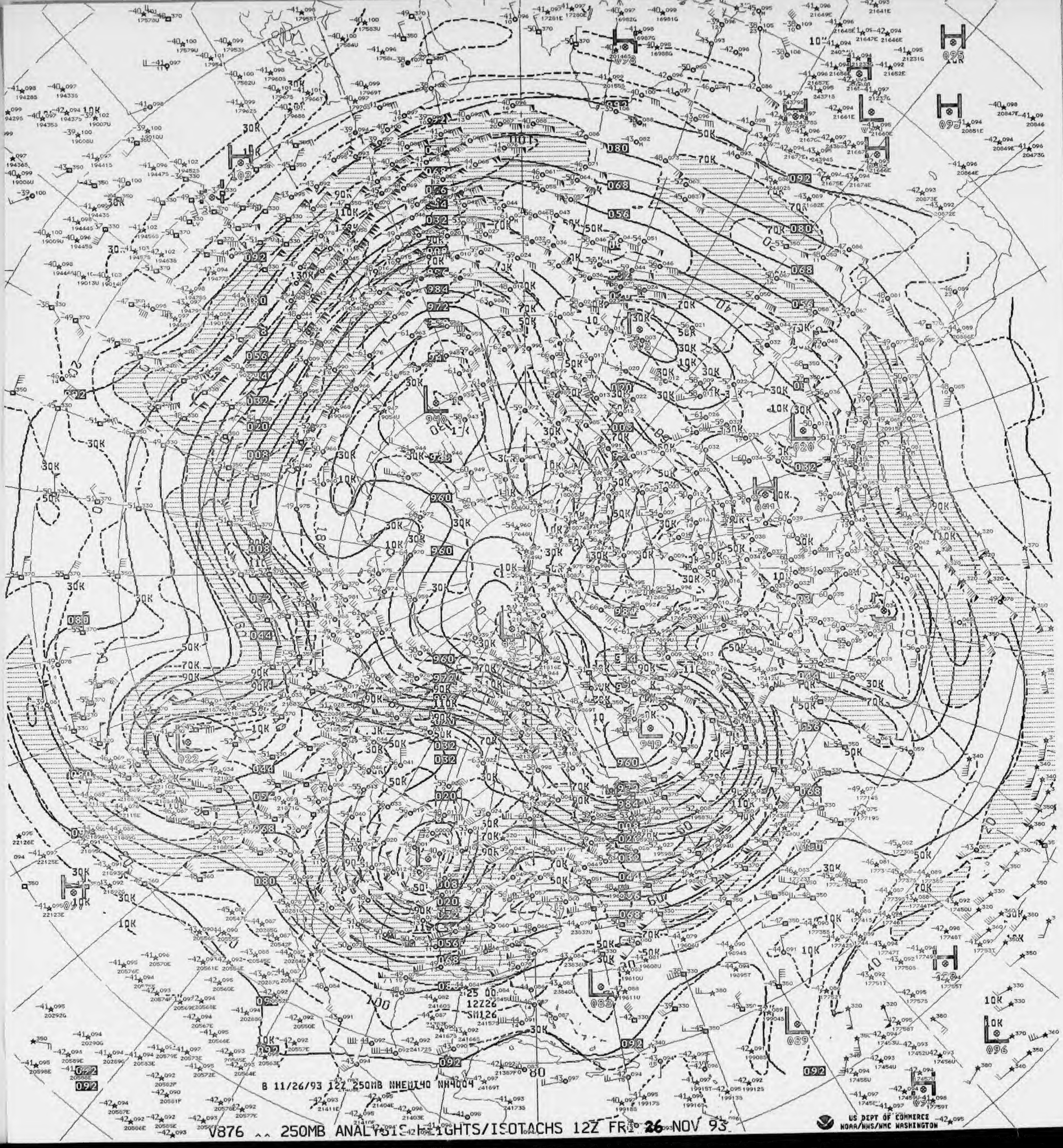
V826 092 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 25 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/26/93 00Z 250MB NHEMI40 NH4004

V326 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 26 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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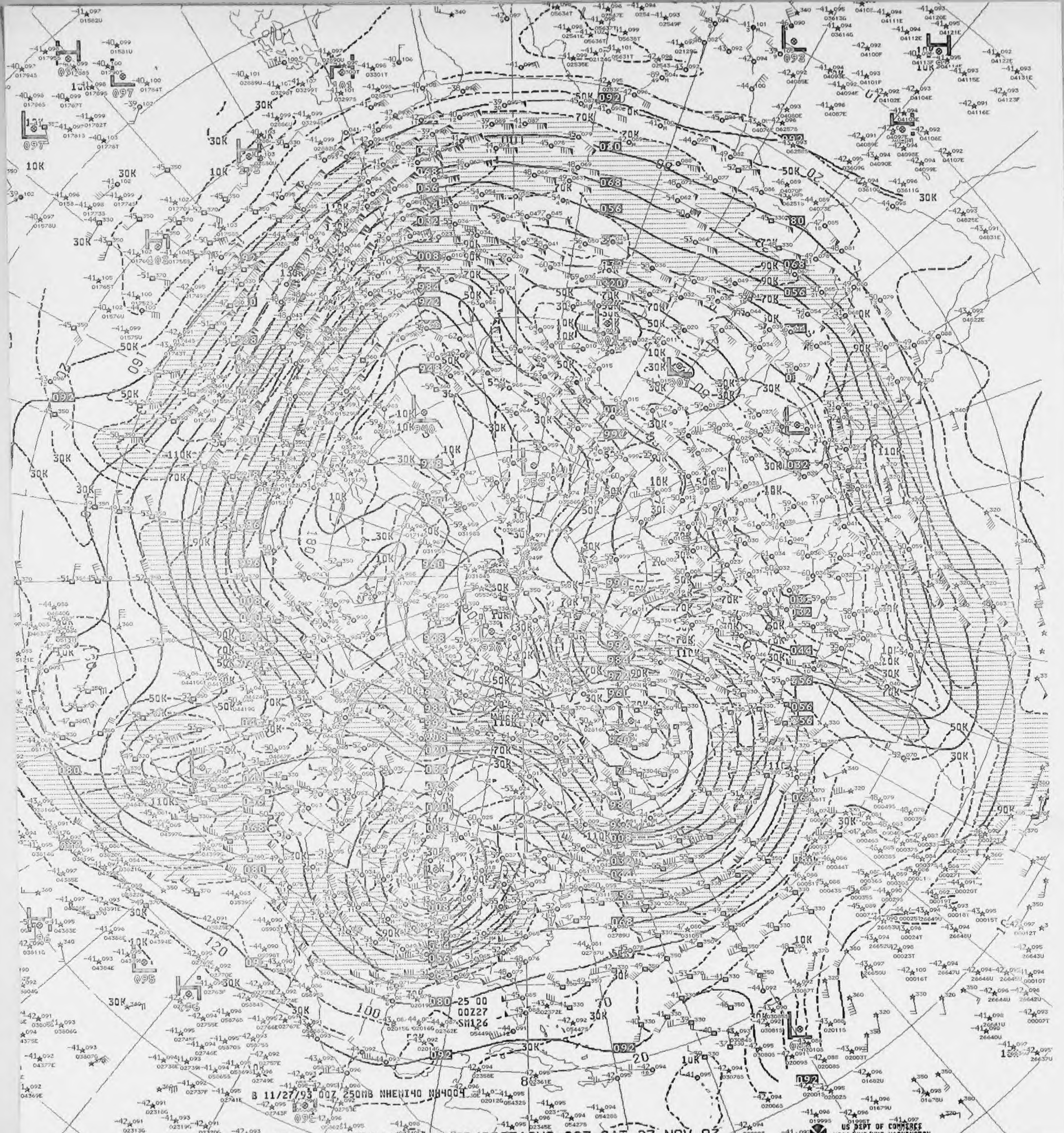
V876 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 26 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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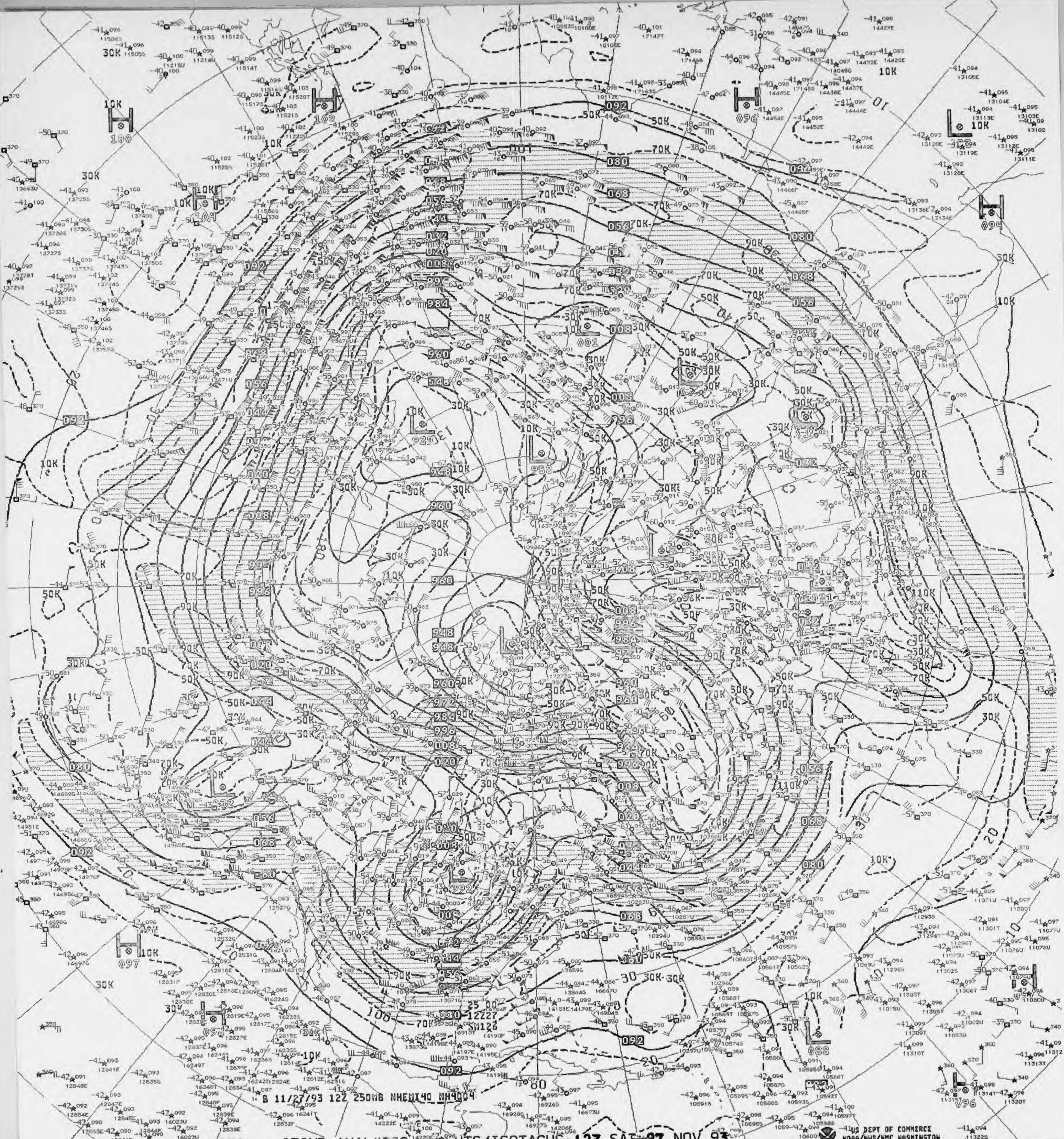
V826 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 27 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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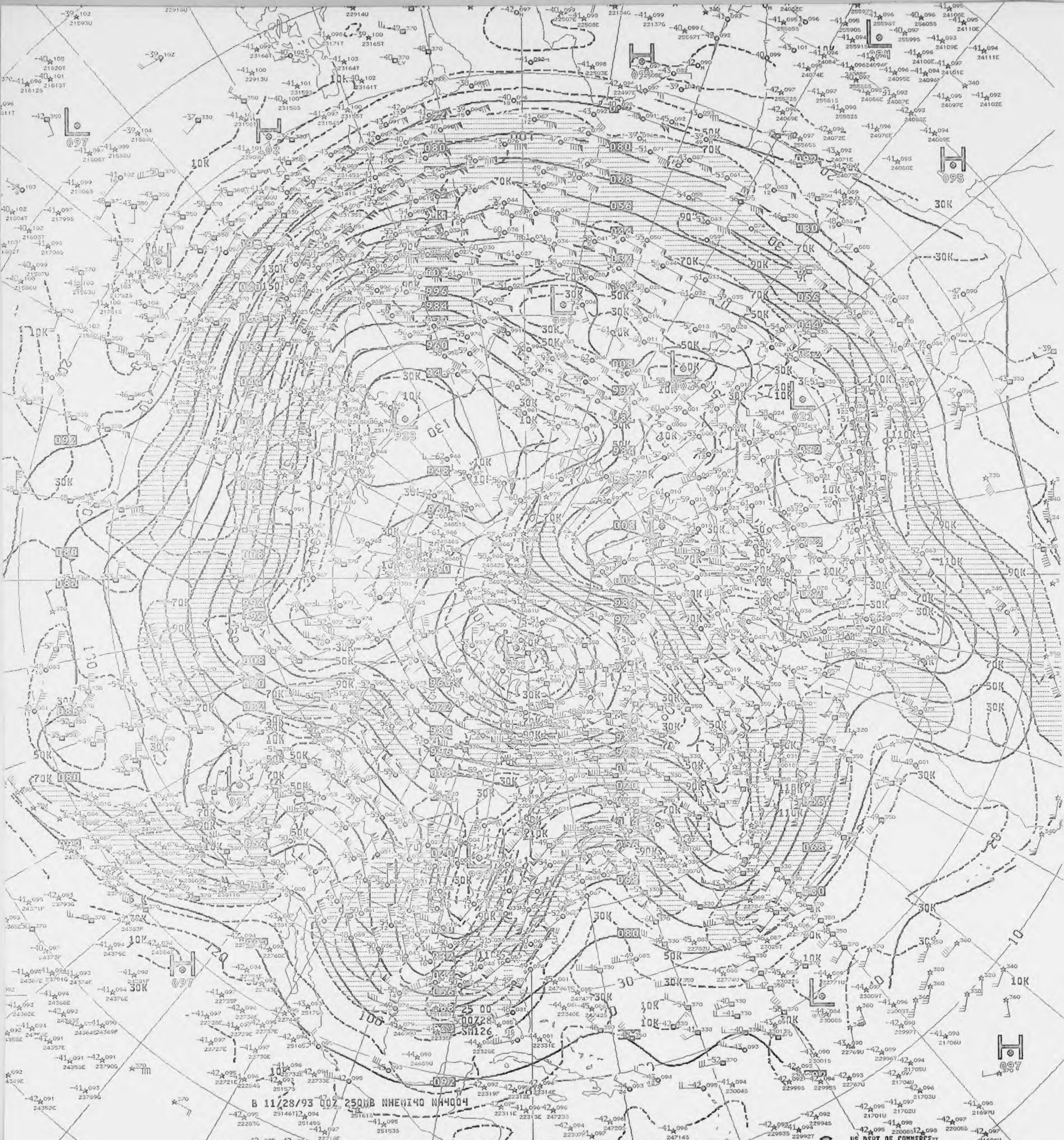
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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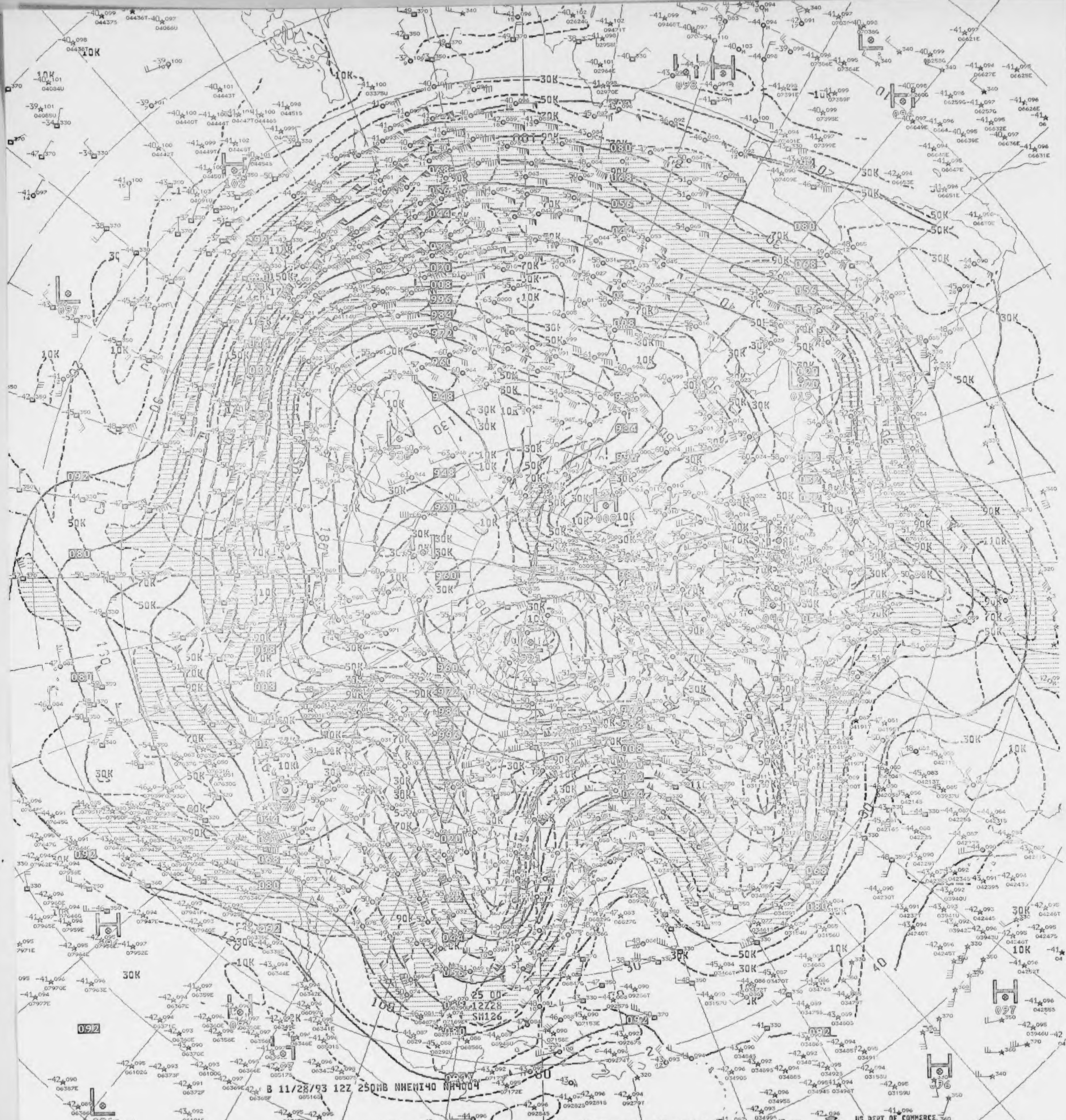
V826 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 28 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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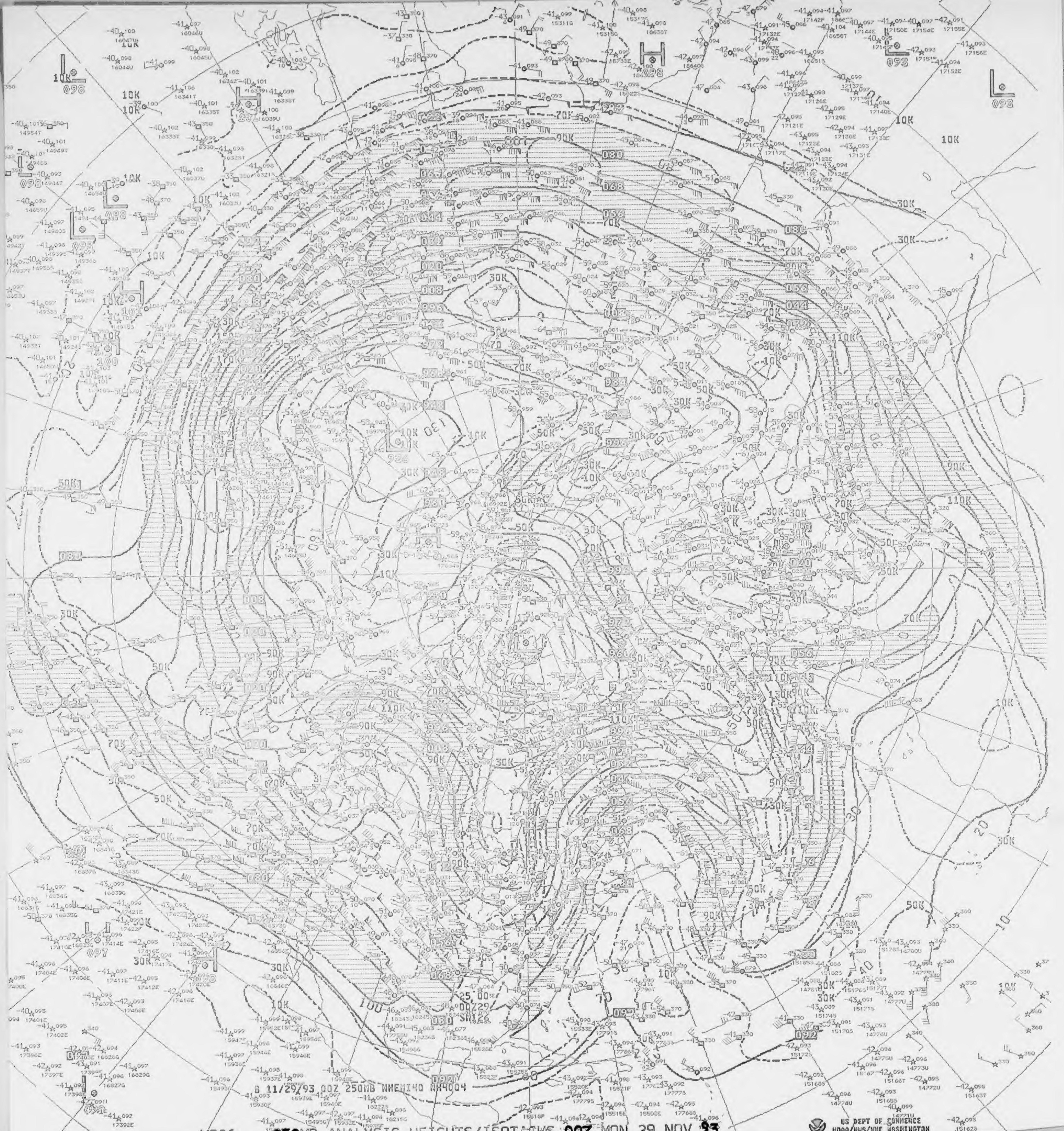
V876 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 28 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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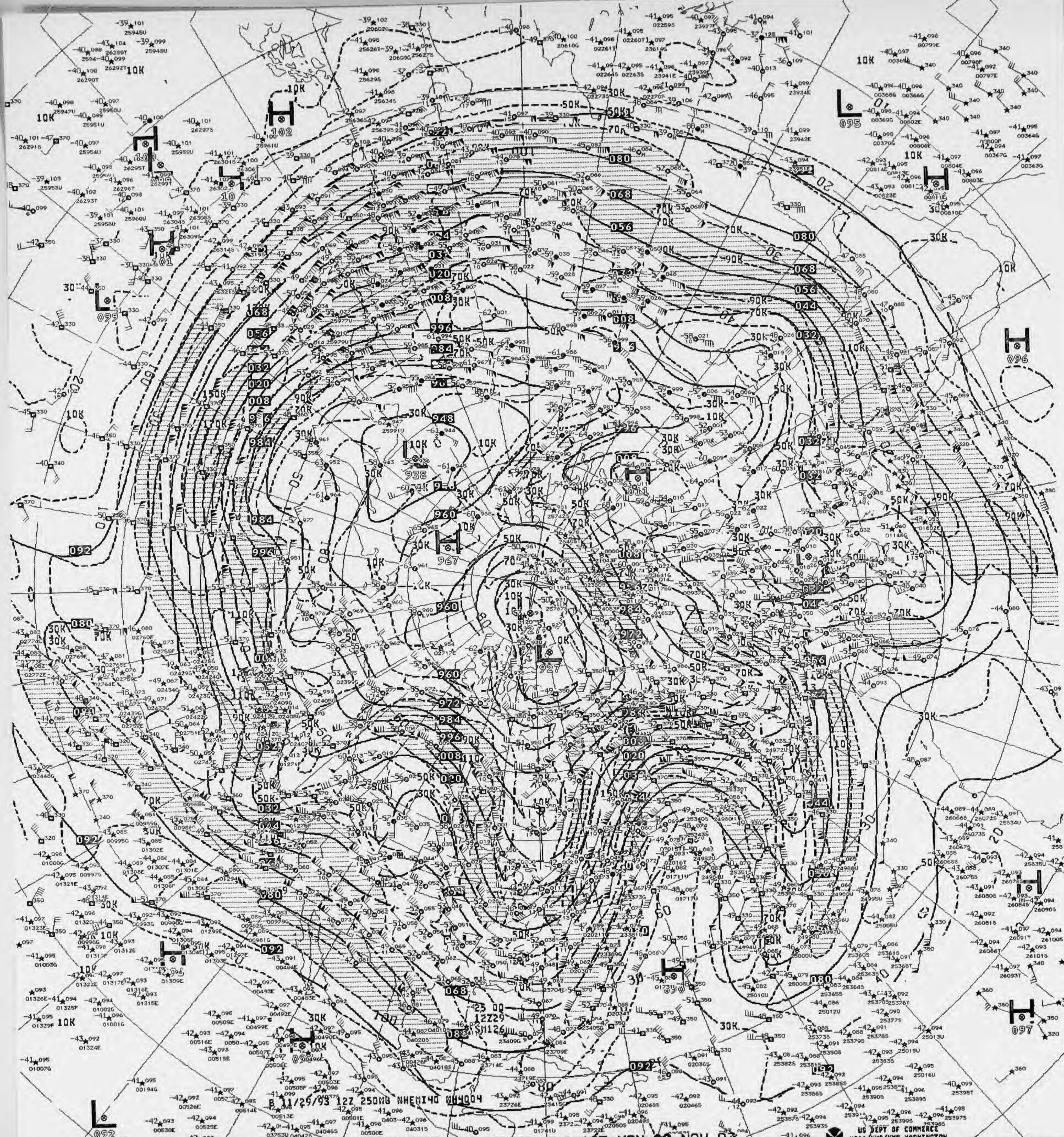
V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 29 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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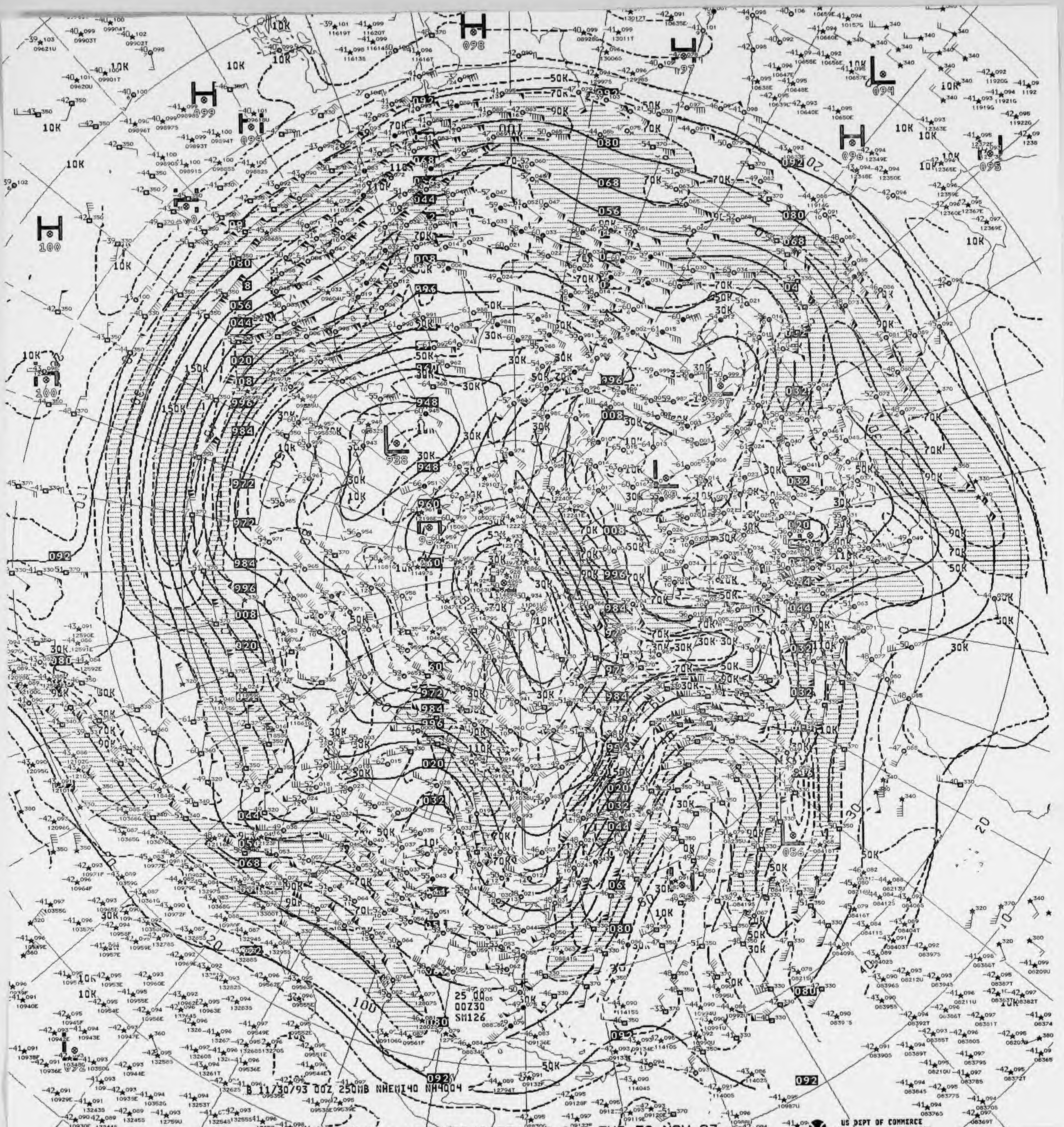
V876 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 29 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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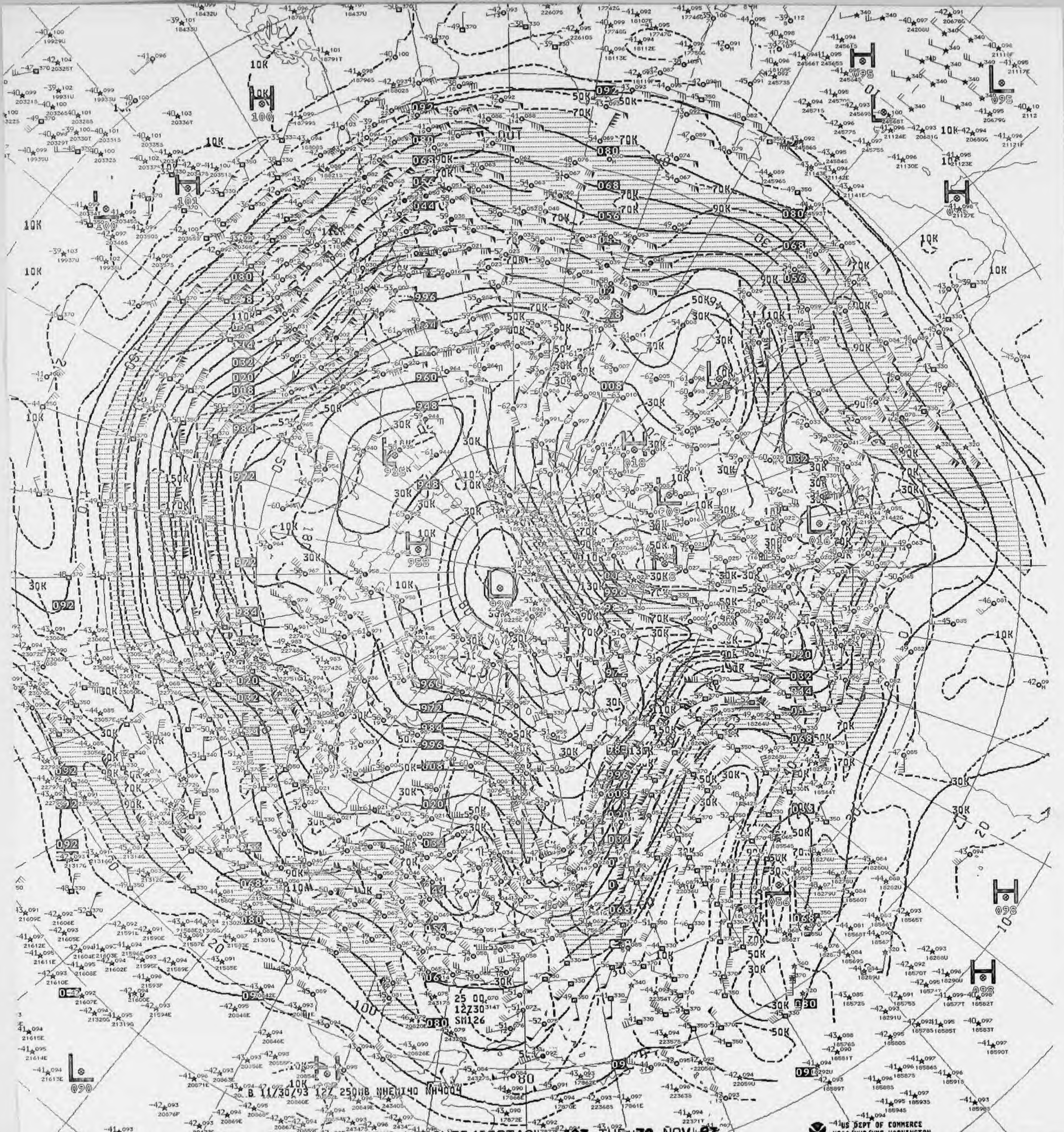
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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SM126

250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 30 NOV 93

US DEPT OF COMMERCE
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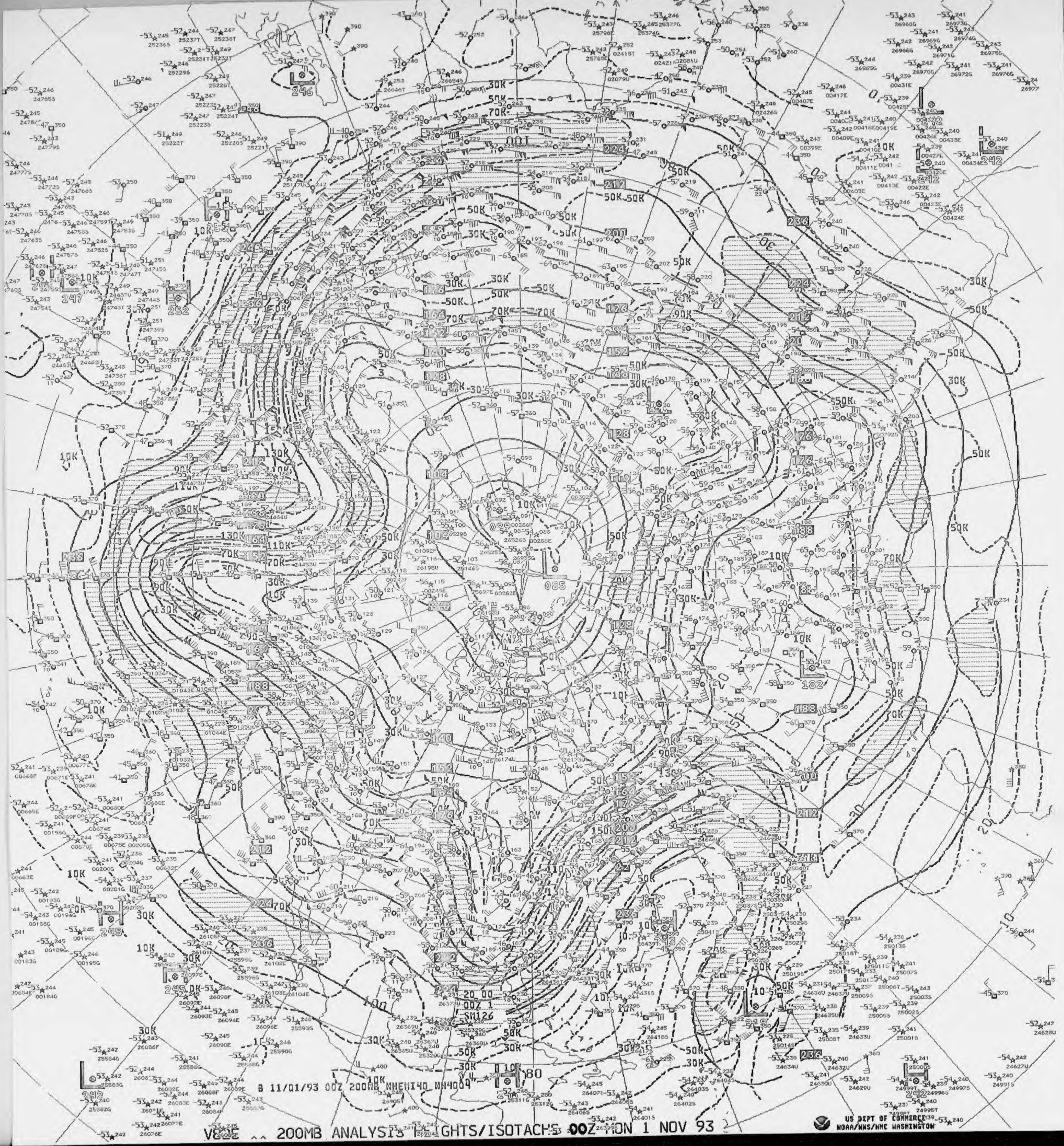
AA Form 48 · 365B
v. 8- 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

200 MB CONSTANT PRESSURE CHARTS

NORTHERN HEMISPHERE NWP

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING



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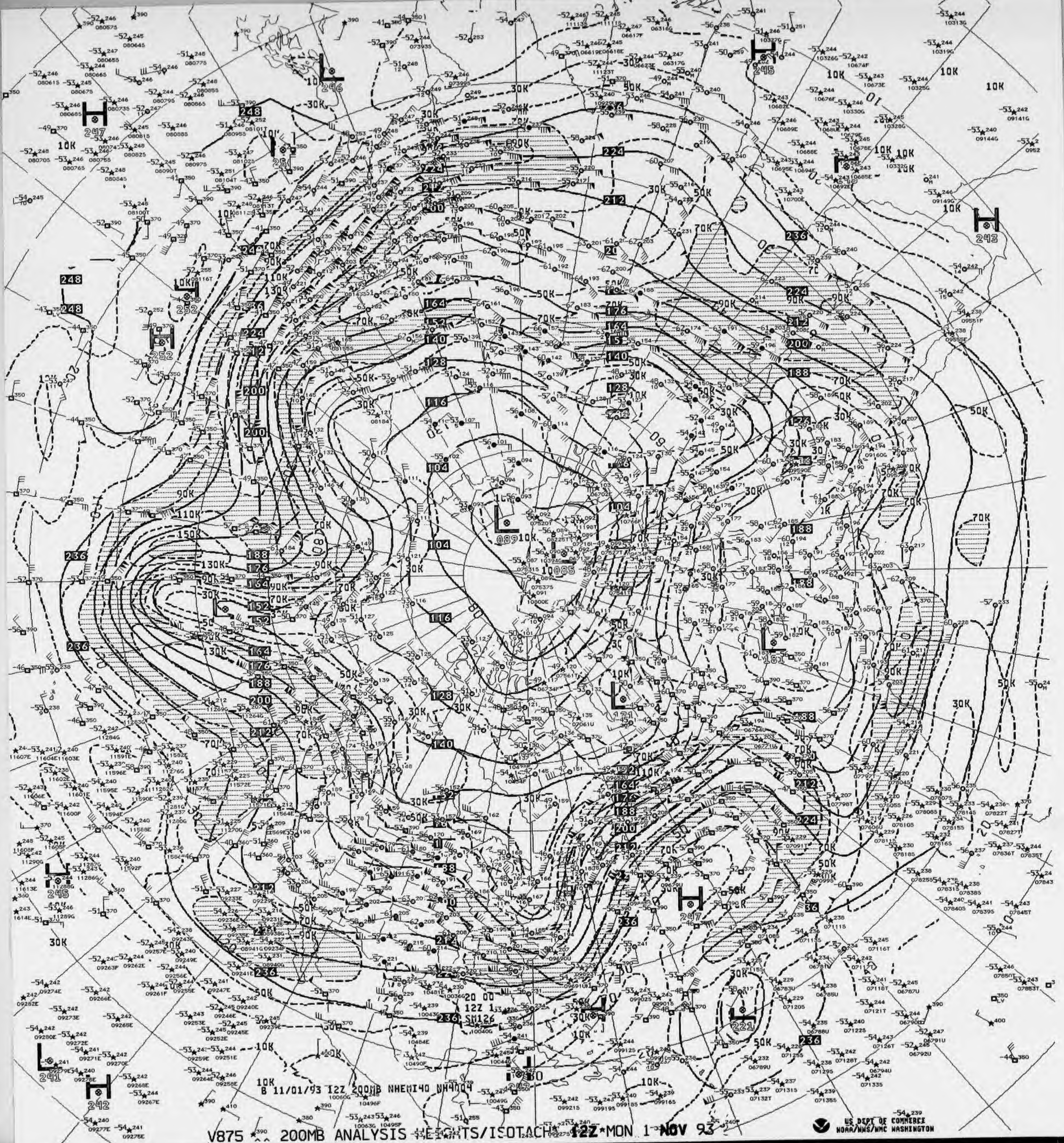
V8EE ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 1 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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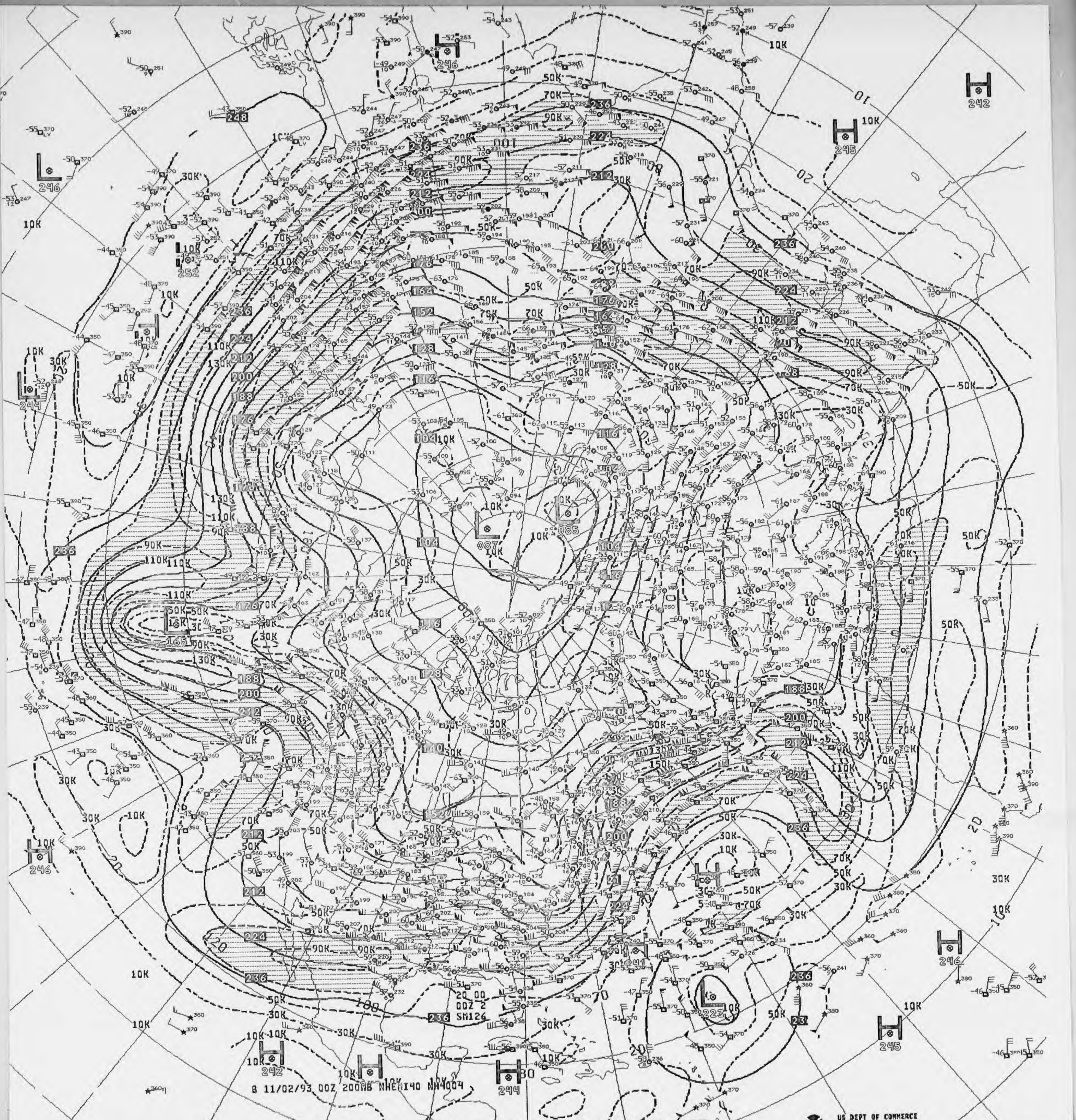
V875 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 1 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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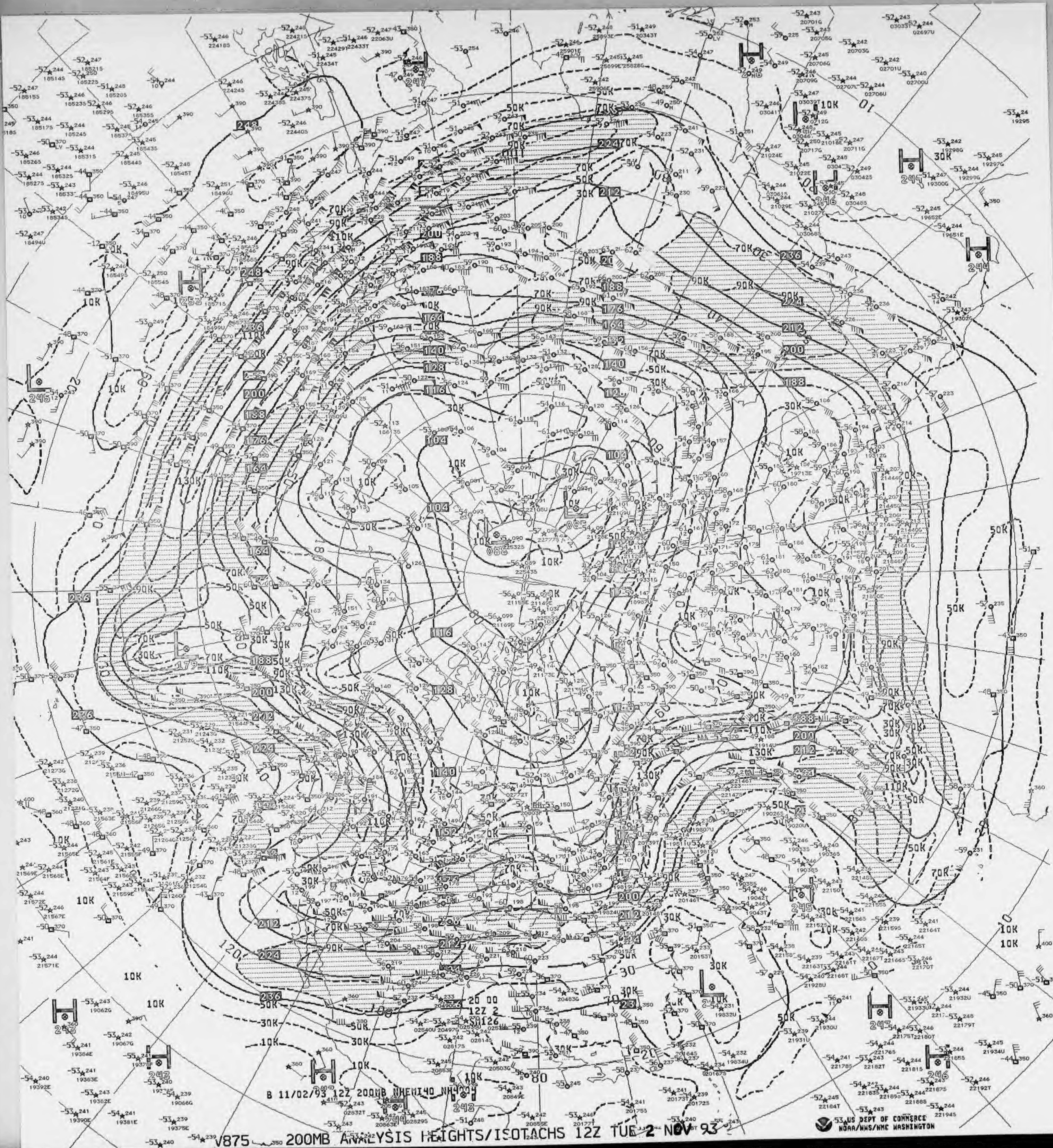
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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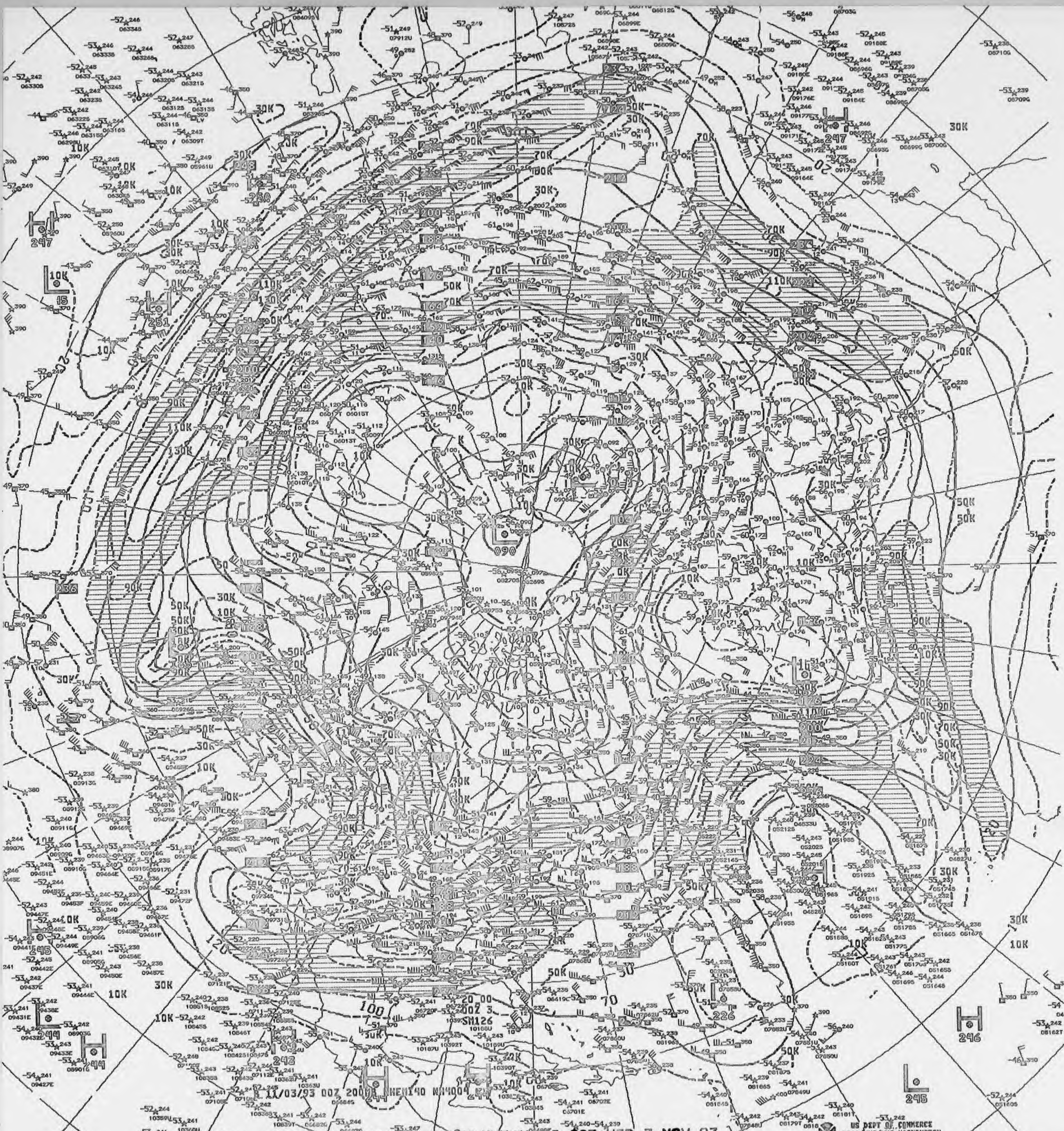
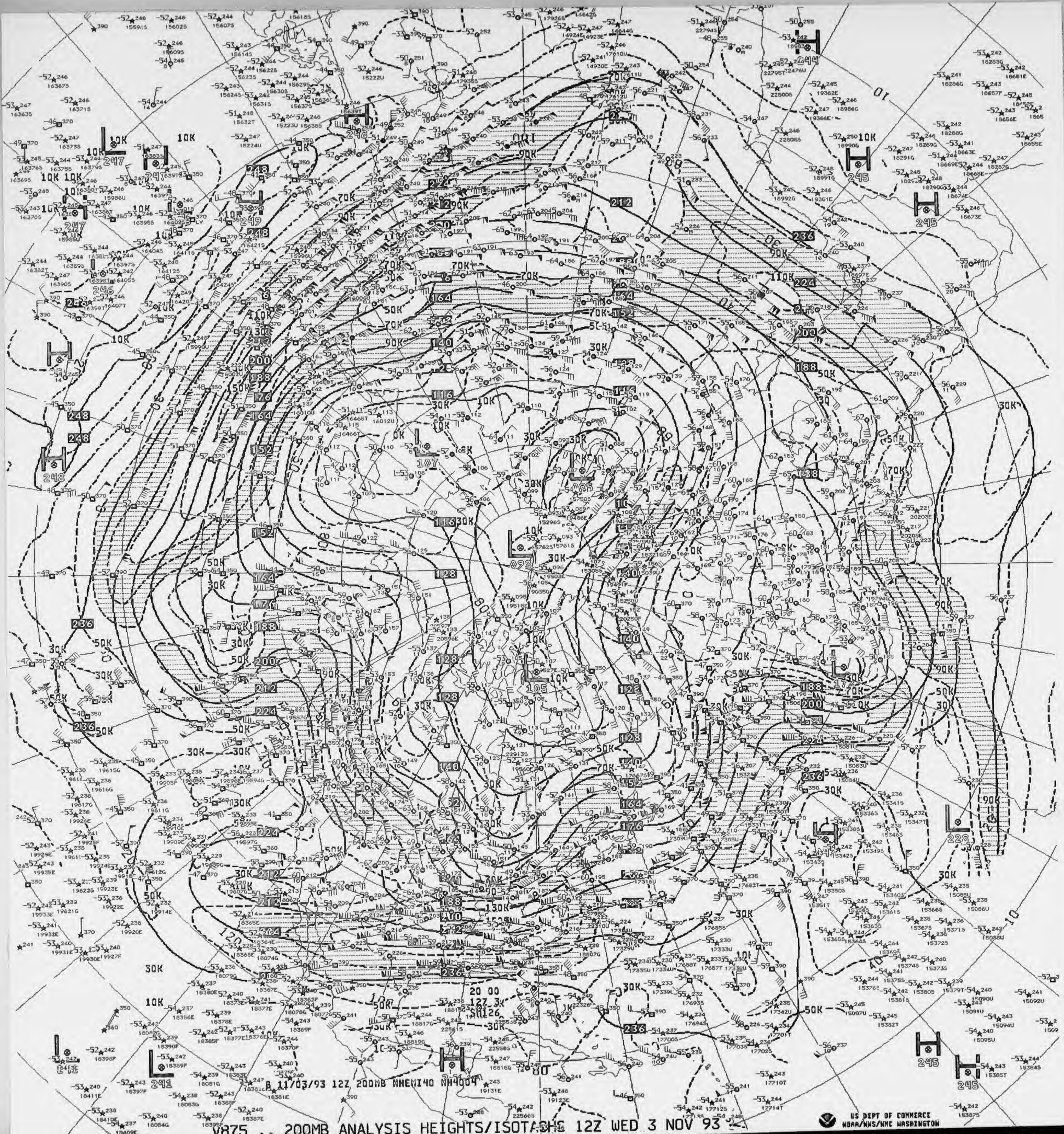
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V875 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 2 NOV 93


11/03/93 00Z 200MB NHEM140 NH4004
20 00
00Z 3
SM126
247
251
236
246
245
244
243
226
090
30K
50K
70K
90K
110K
130K
10K

V825 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 3 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/03/93 12Z 200MB NHEMI40 NH4004
H 245
H 245
H 248
H 246
H 248
H 244
H 245
H 249
H 247
L 247
L 107
L 092
L 105
L 228
L 241
20 00
12Z 3
SM126
236
224
212
200
188
176
164
152
140
128
116
90K
70K
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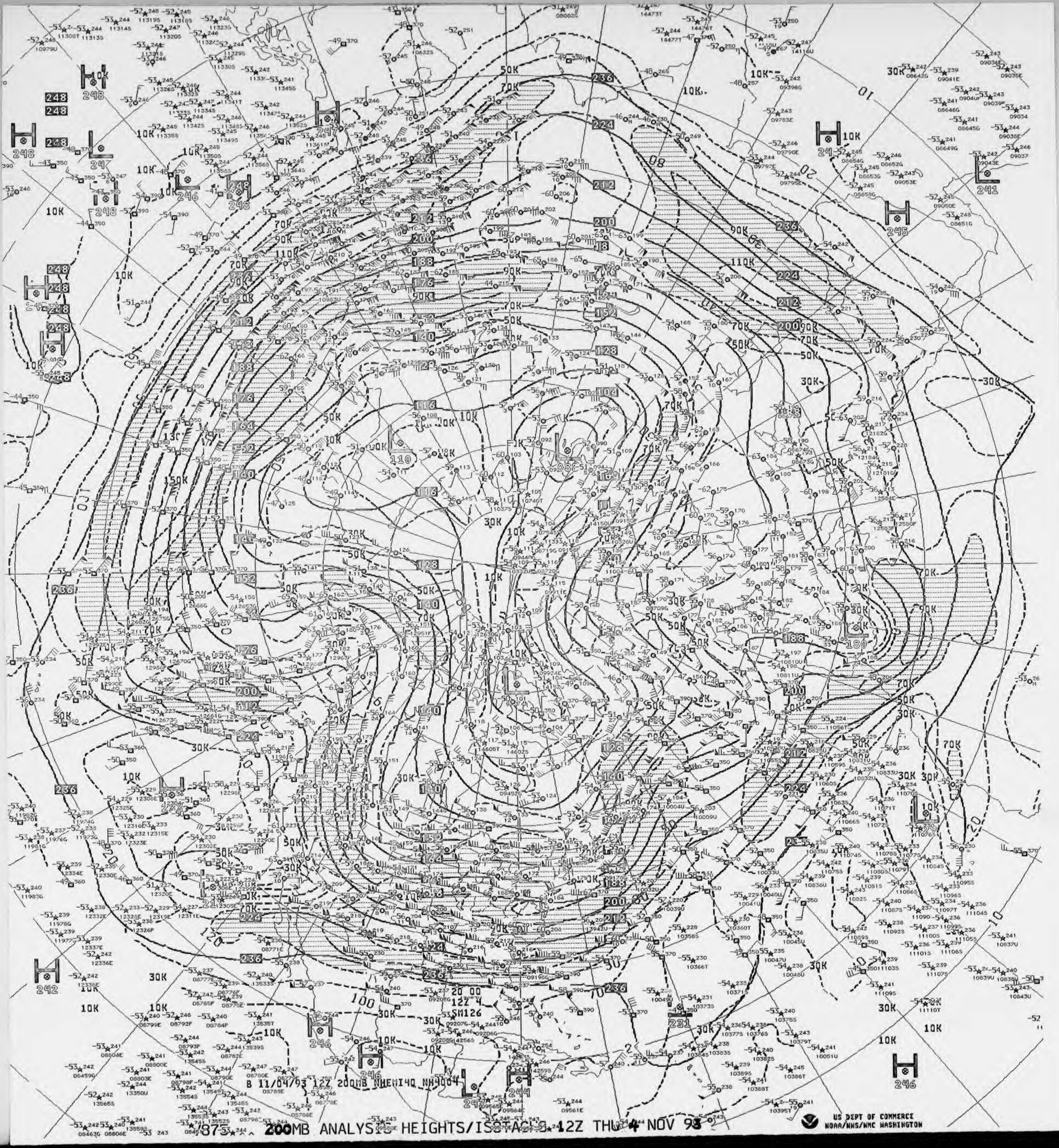
V875 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 3 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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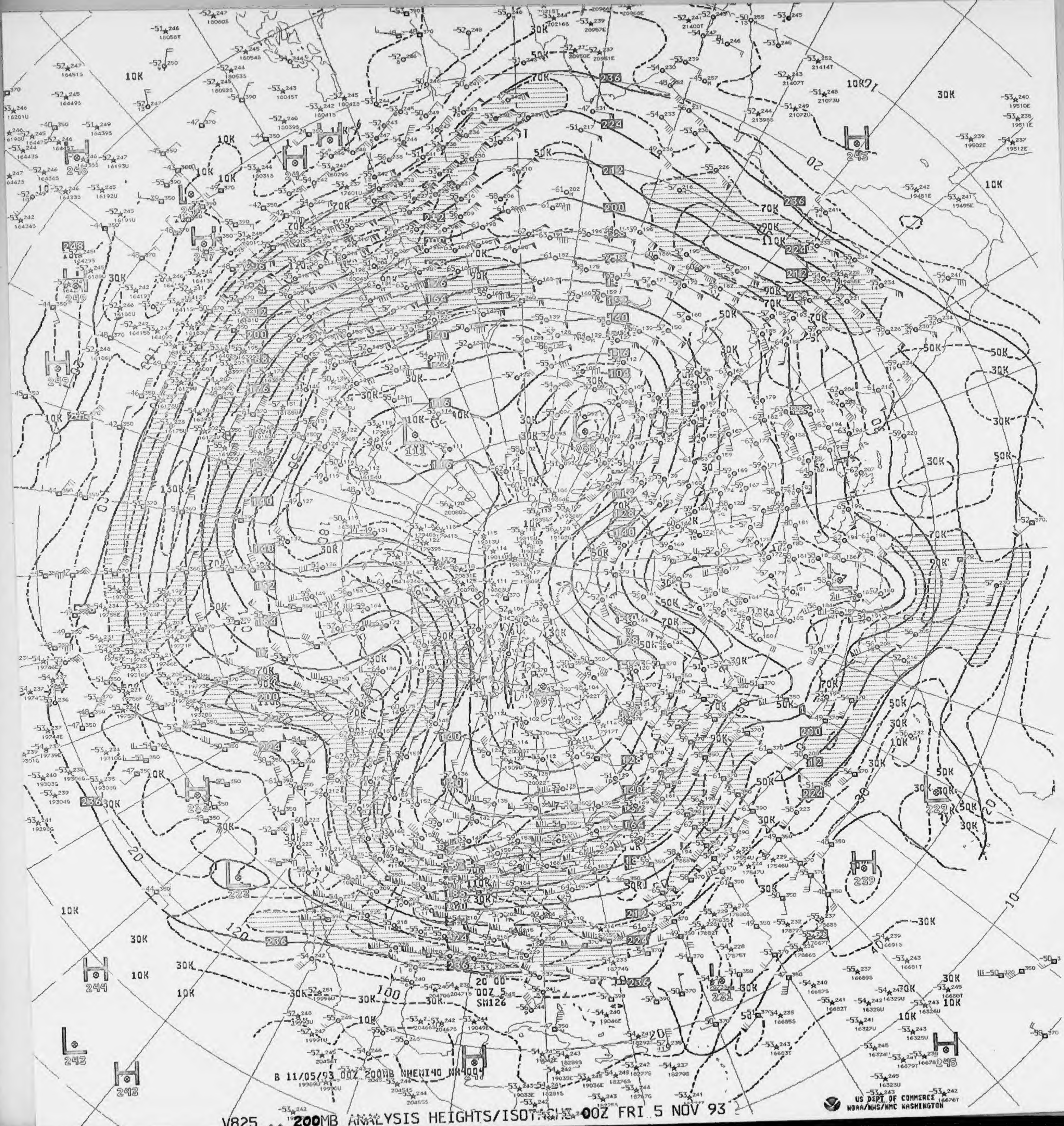
873 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 4 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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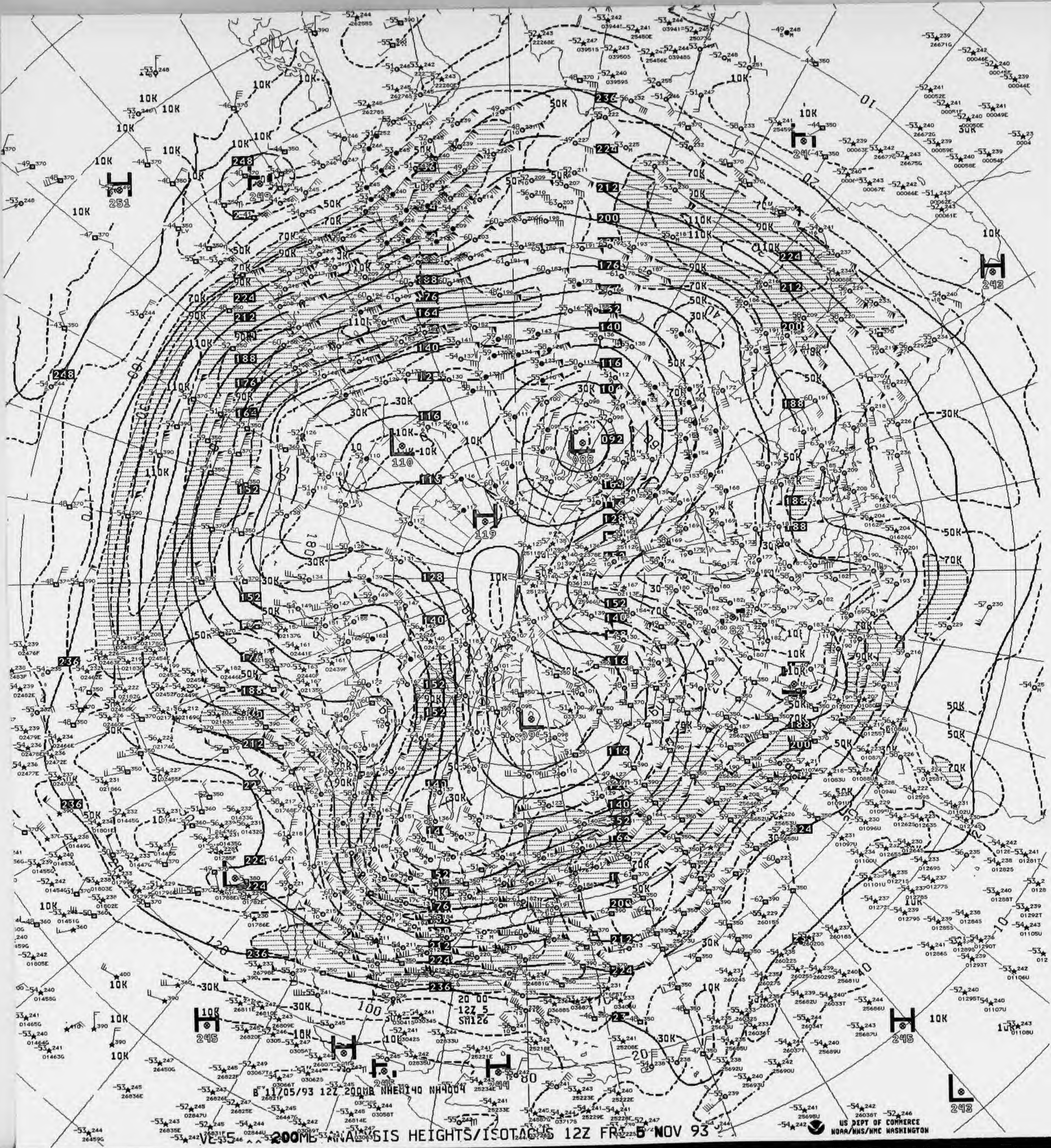
00Z 5
SM126
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V825 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 5 NOV 93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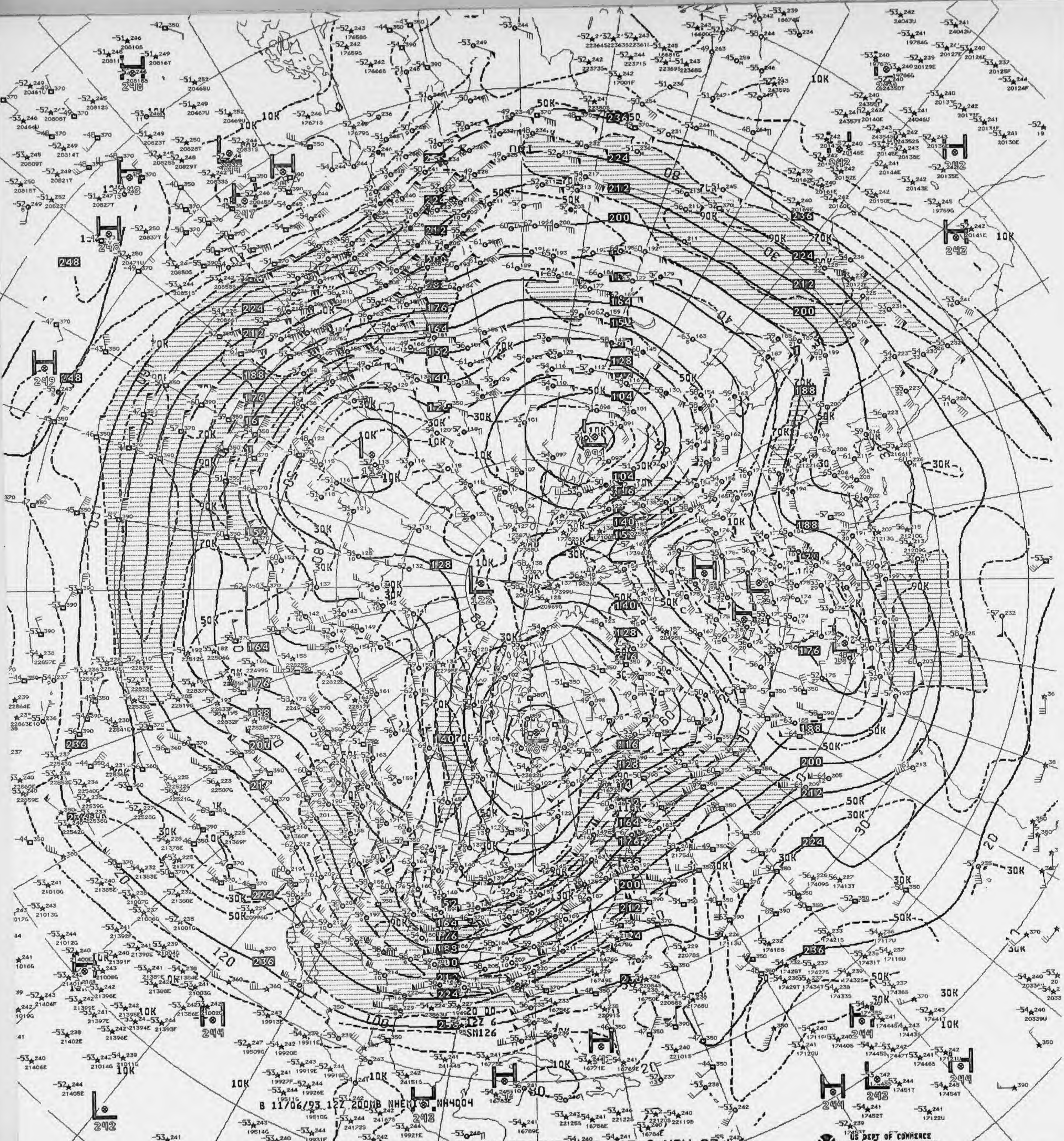
12Z 5
SM126

VC 5 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 5 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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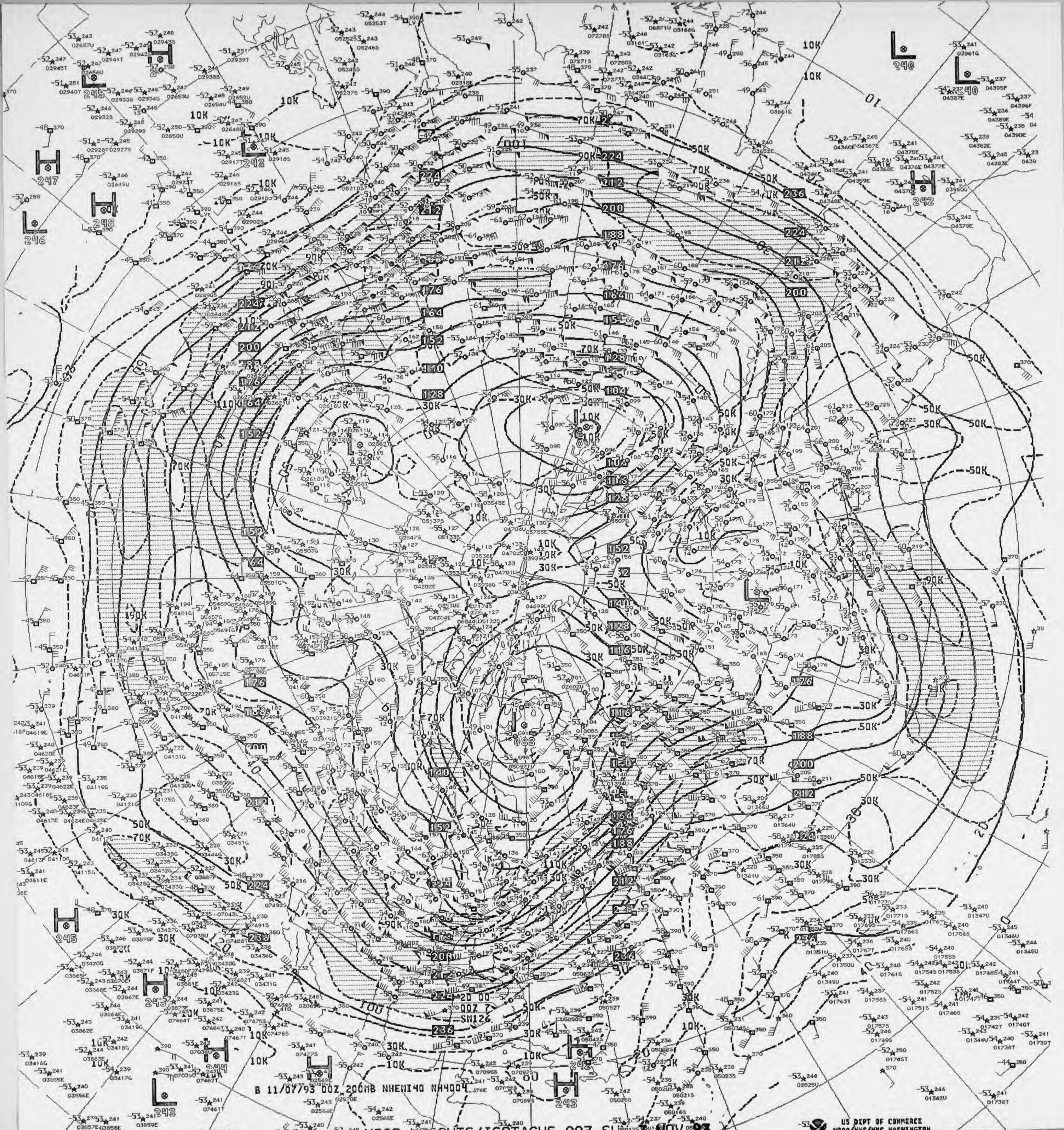
V835 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 6 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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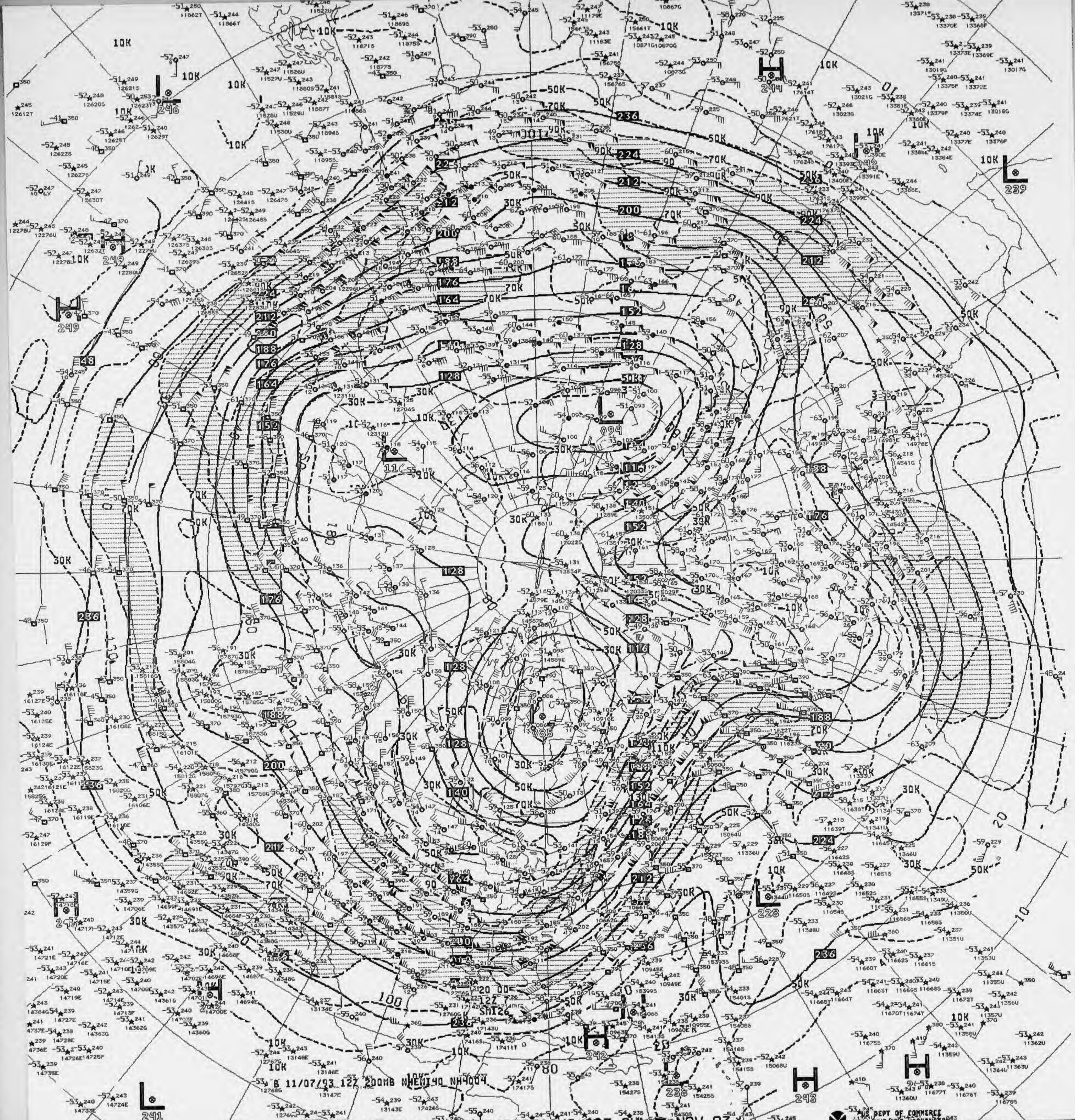
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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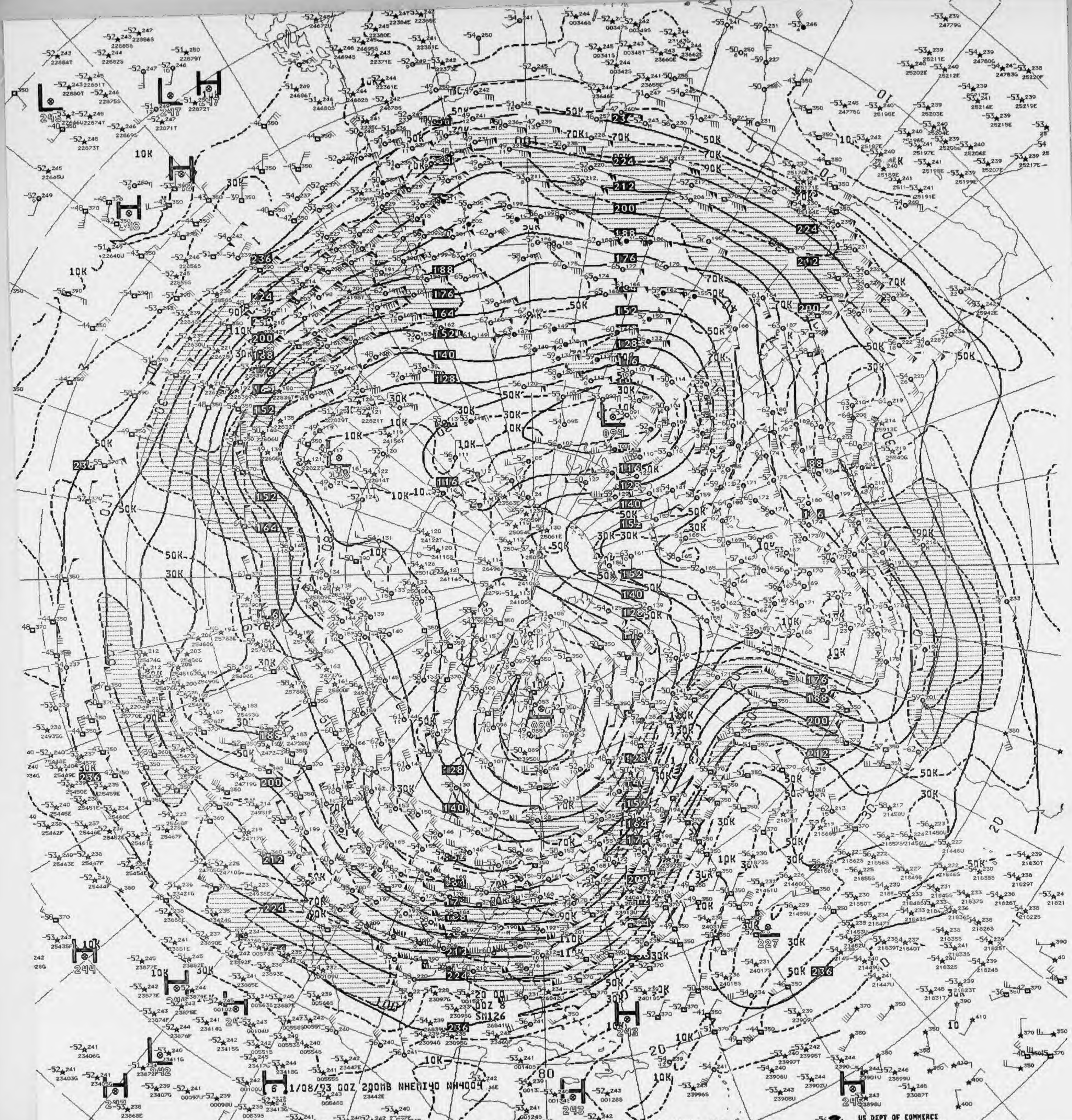
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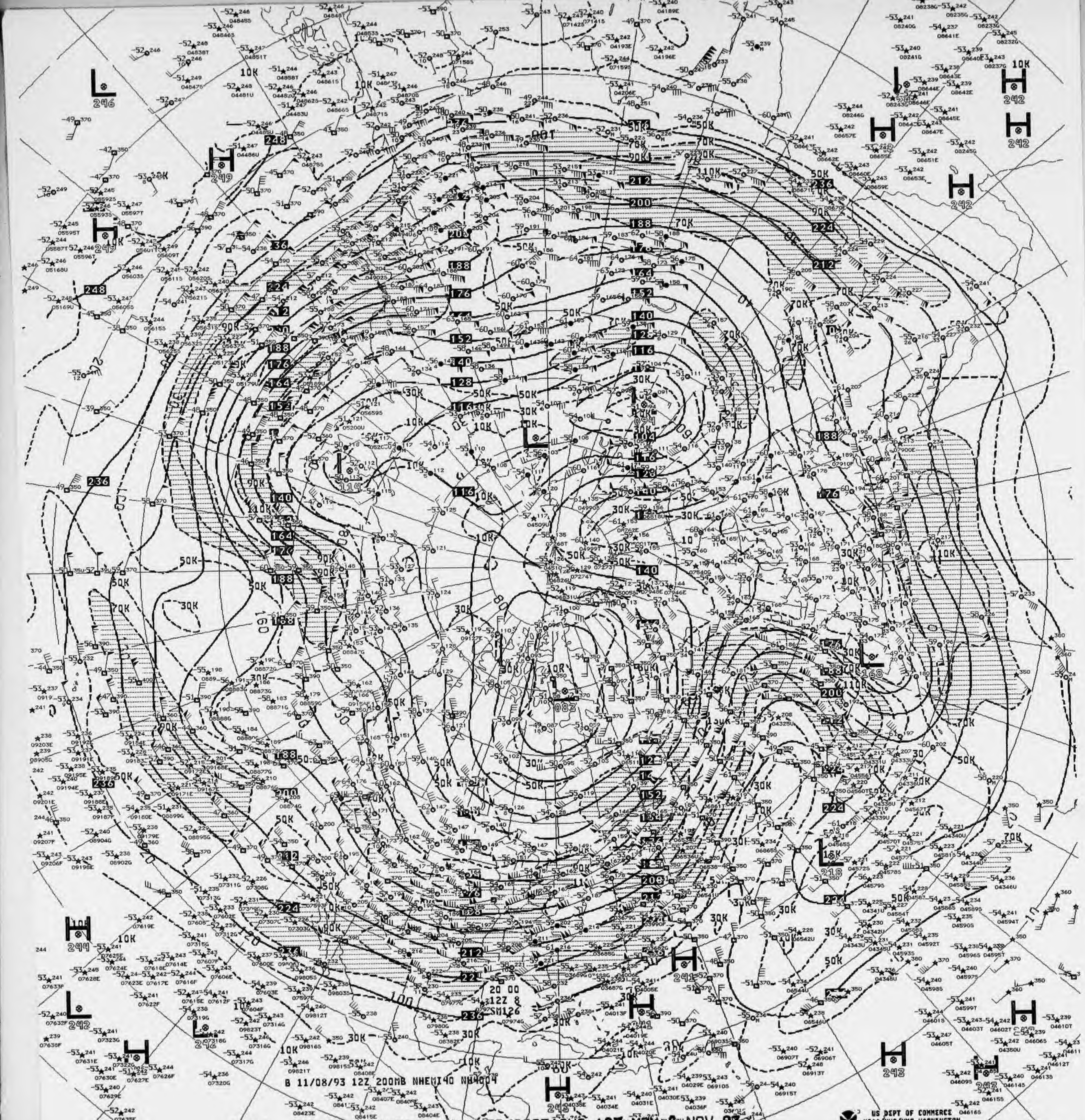
V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 8 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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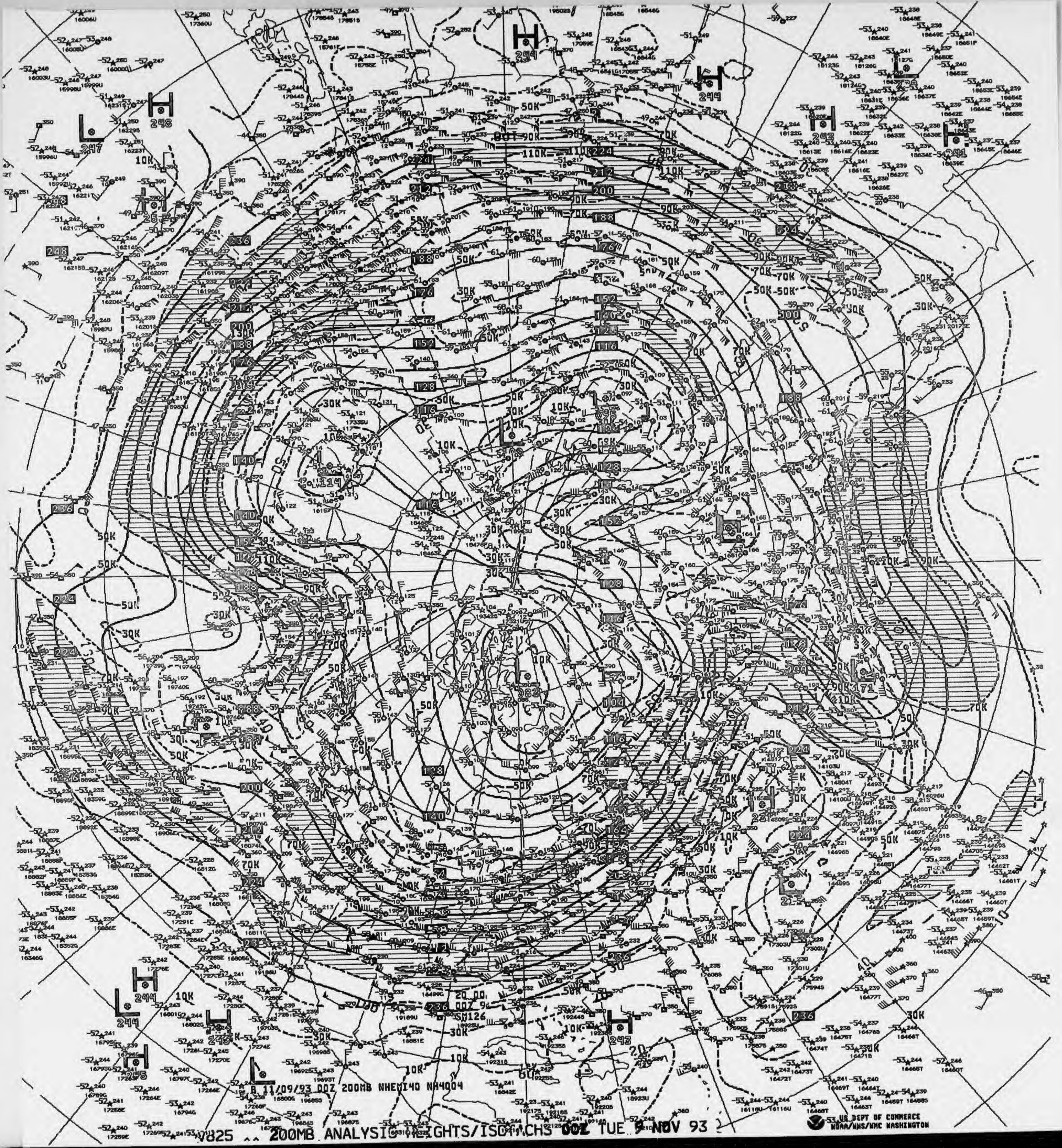
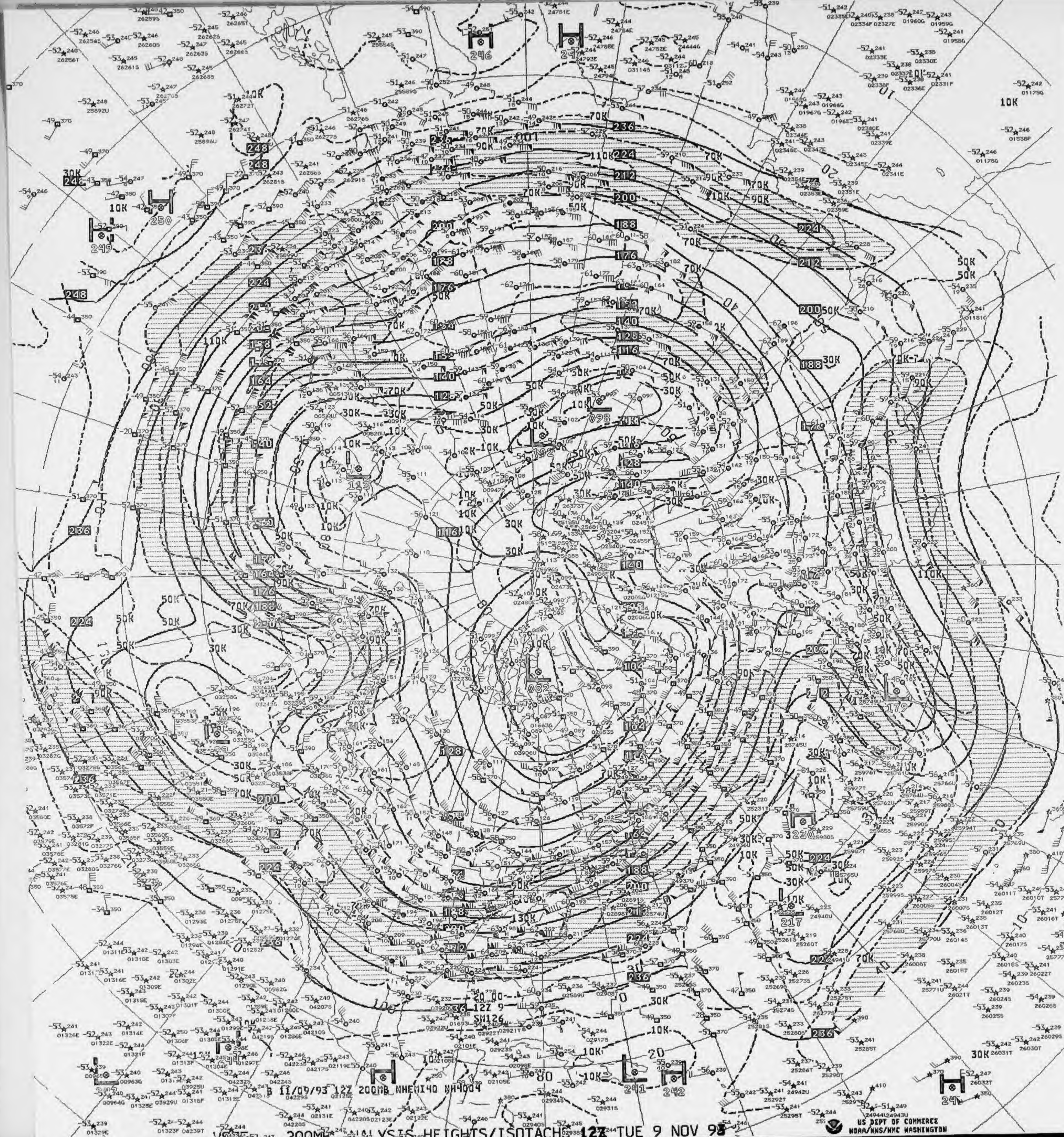
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V875 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 8 NOV 93


B 11/09/93 00Z 200MB NHEMI40 NH4004
20 00
00Z 9
SM126
H
L
50K
70K
90K
110K
30K
10K

V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 9 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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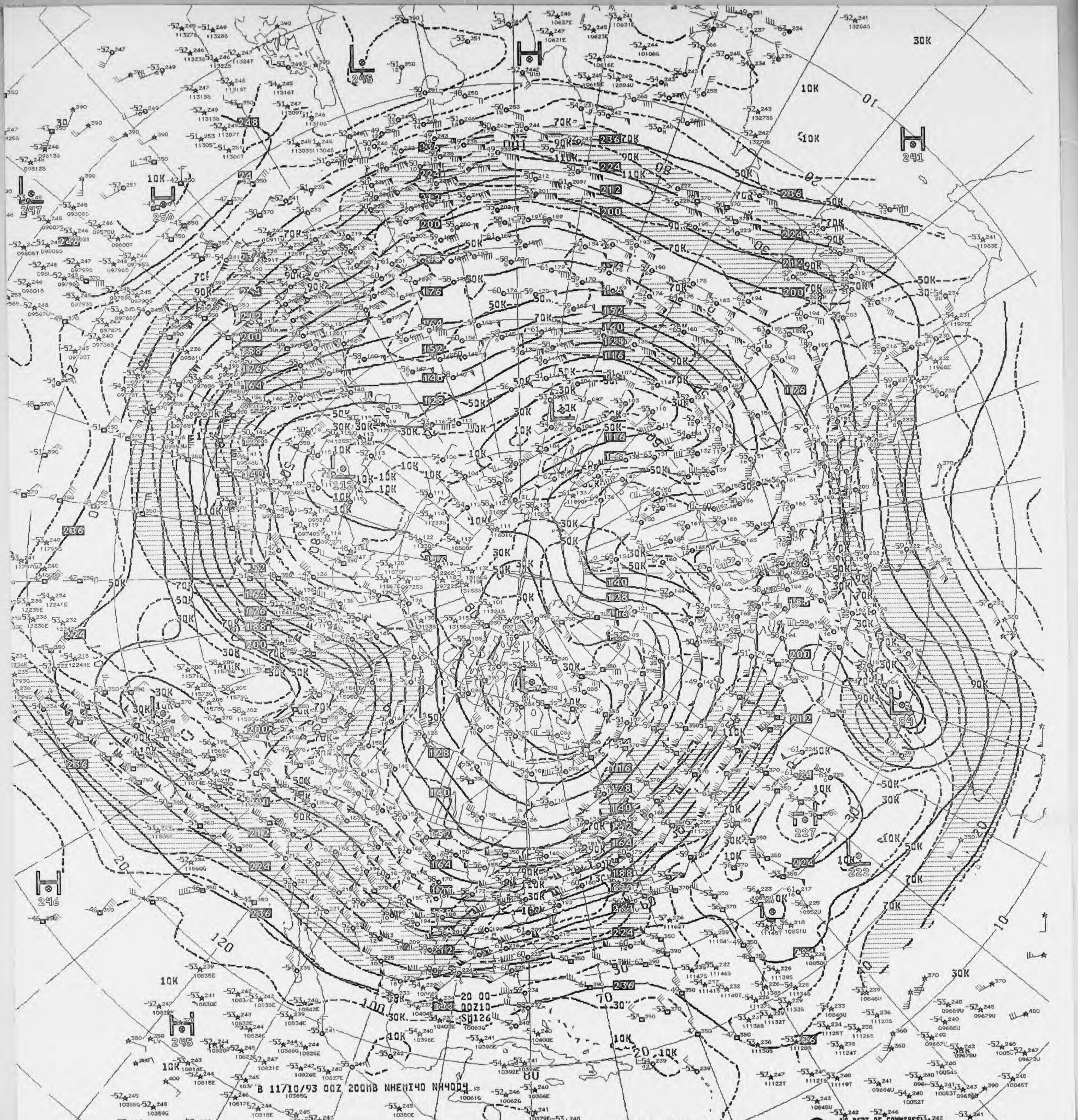
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



H 241
L 245
H
L 247
L 250
L 112
L 184
227
222
H 246
H 245
B 11/10/93 00Z 200MB NHEMI40 NH4004
-20 00-
00Z10
SM126
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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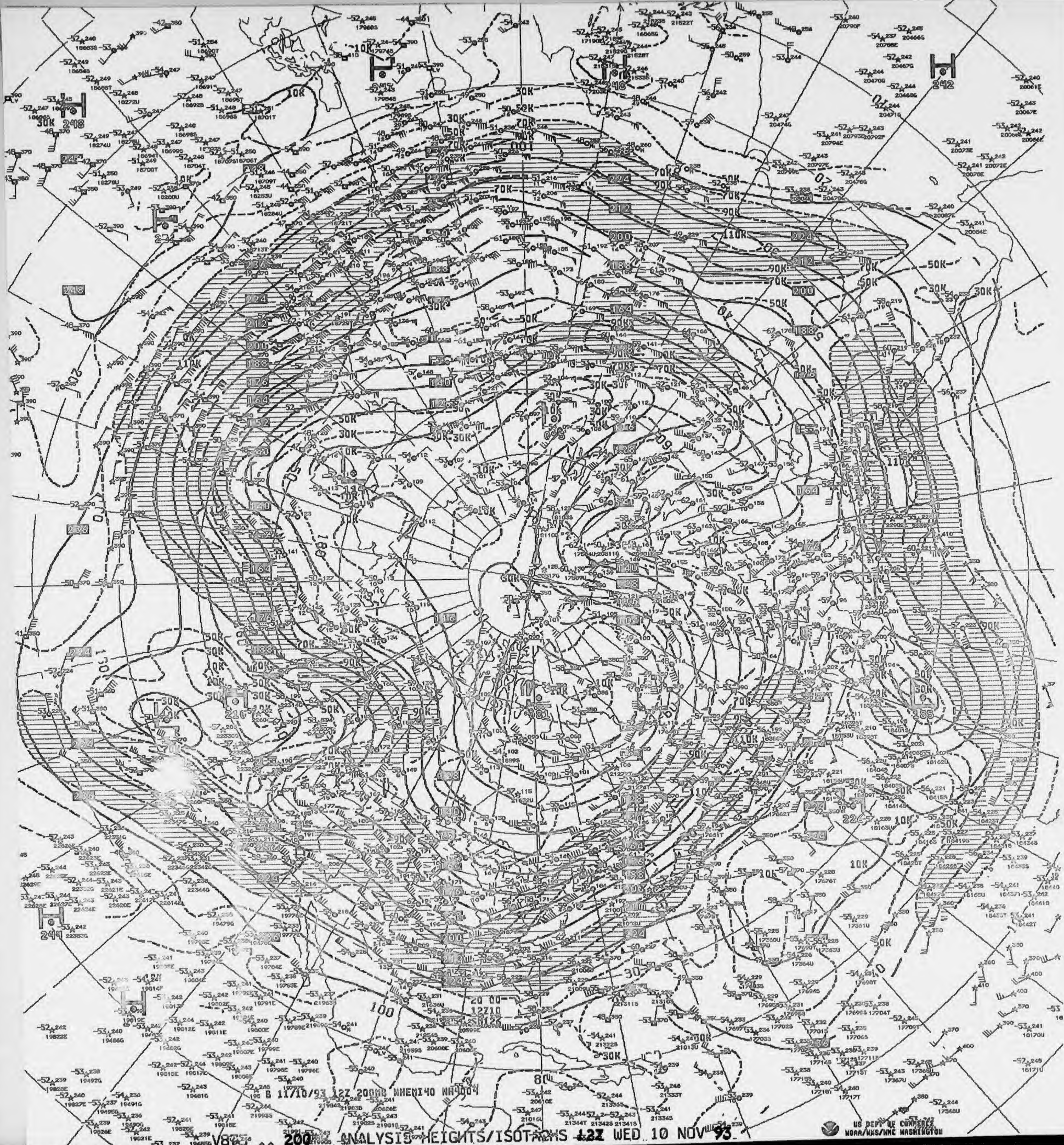
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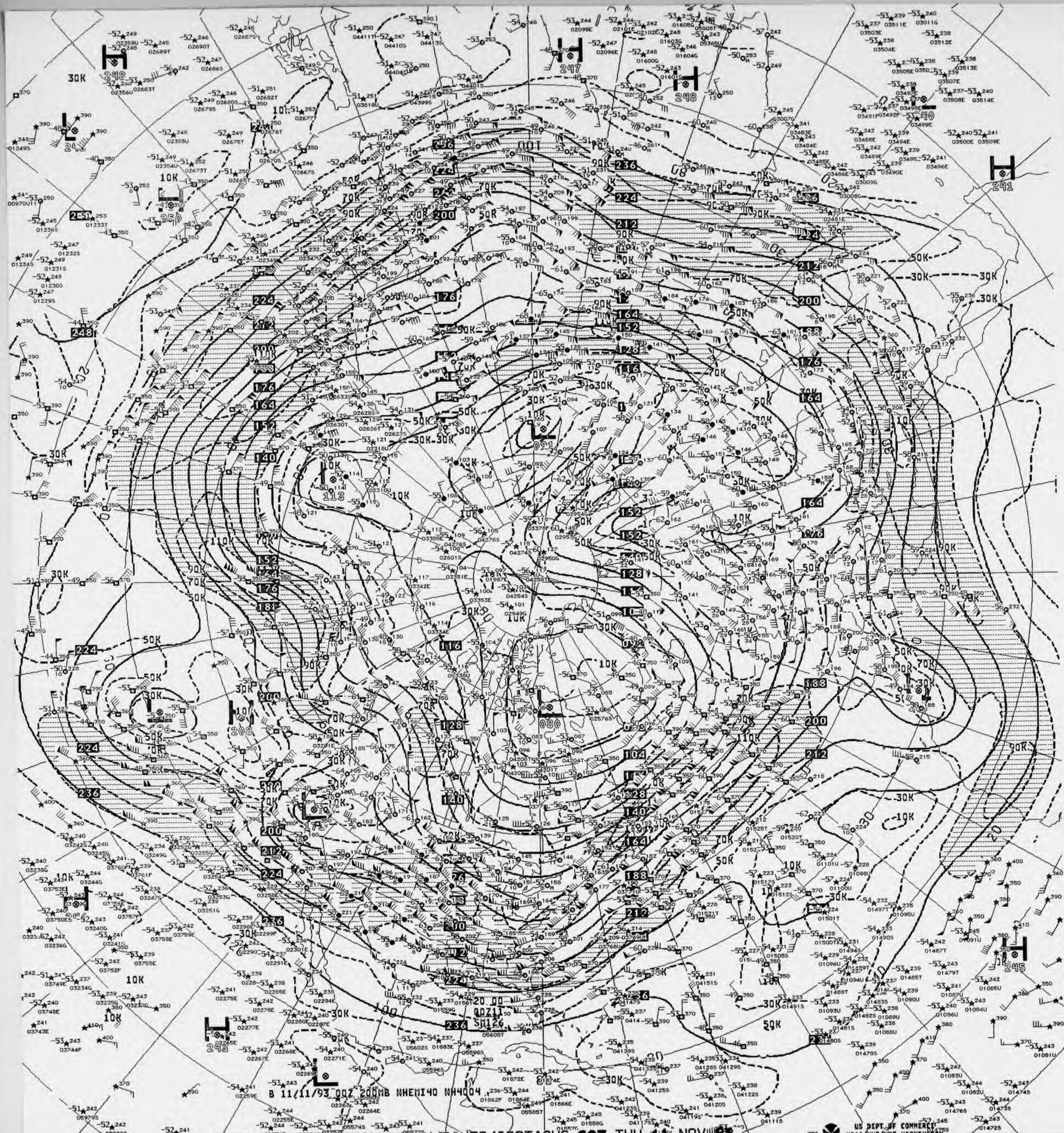
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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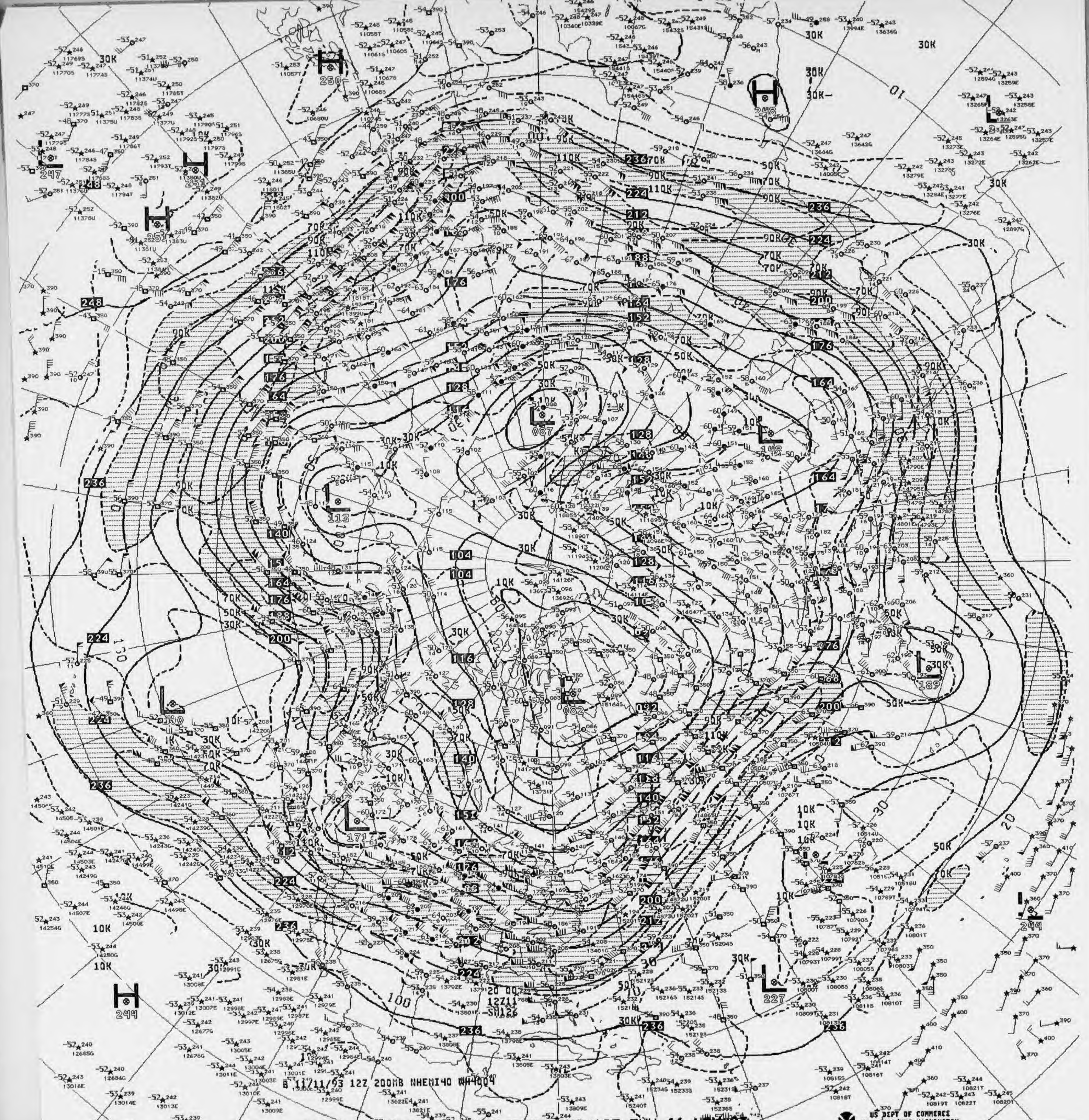
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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12Z11
-SM126
H 250
H 248
H 251
H 244
L 087
L 112
L 148
L 082
L 171
L 189
L 227
L 244
30K
50K
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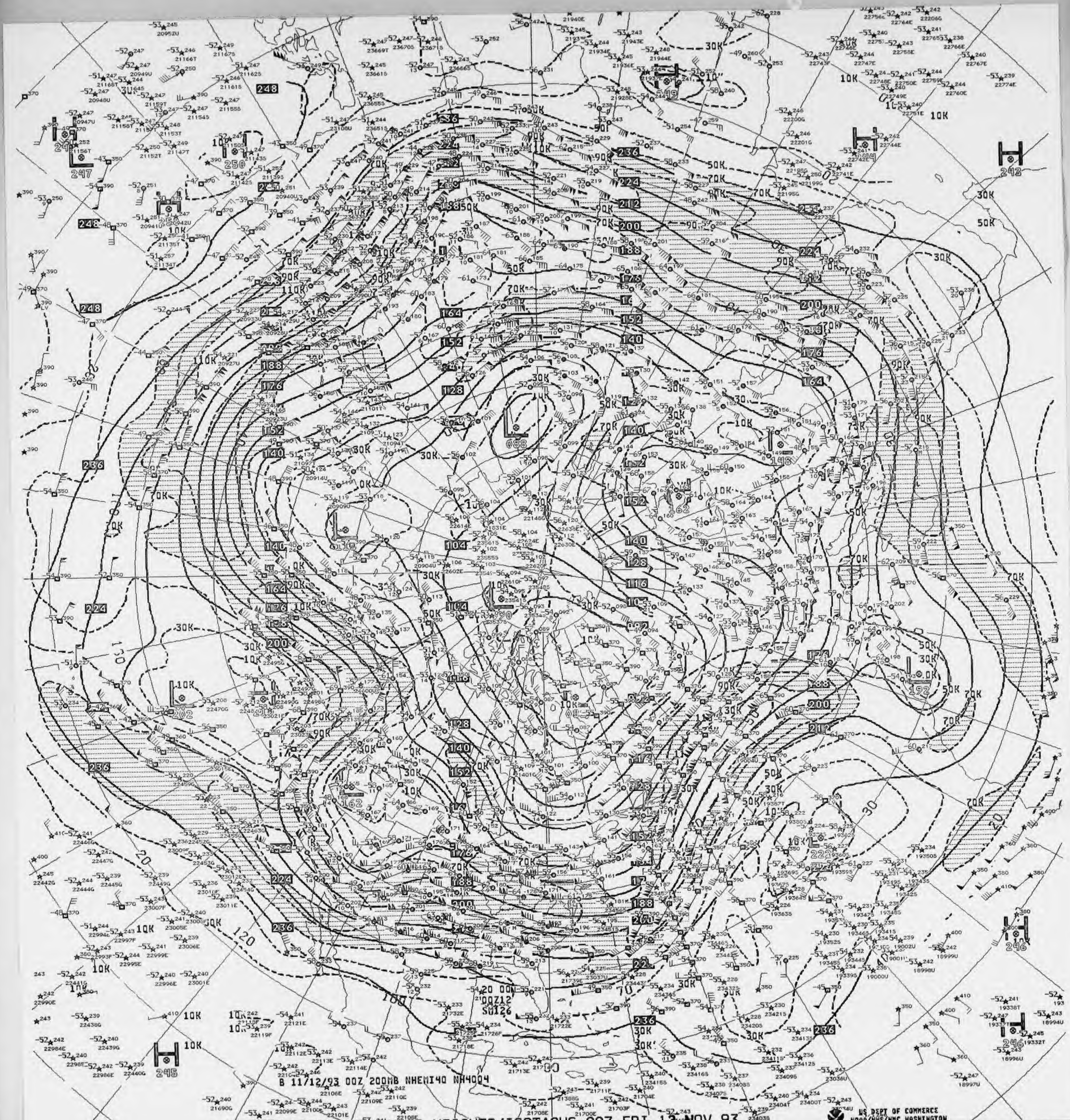
V875 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 11 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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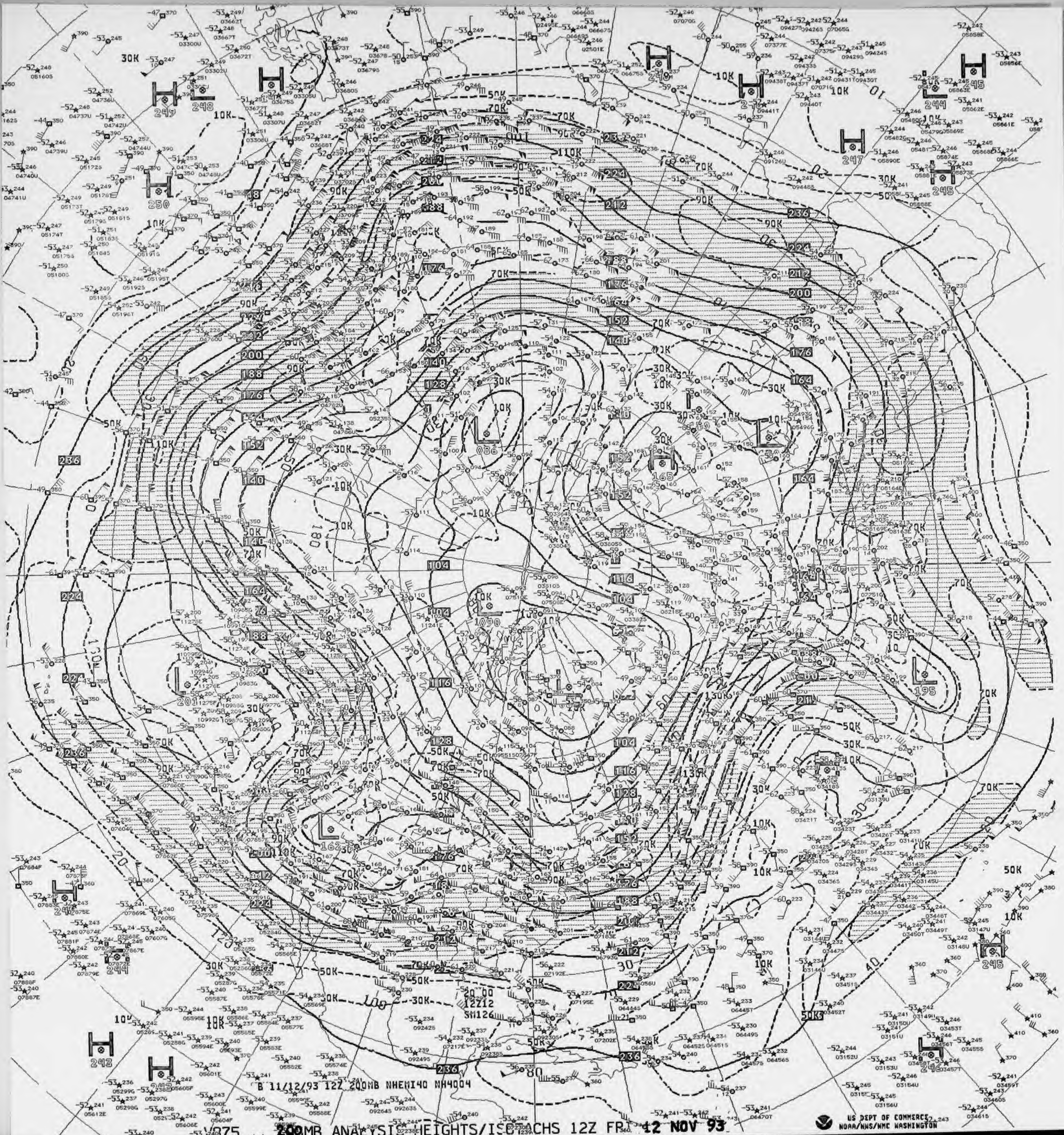
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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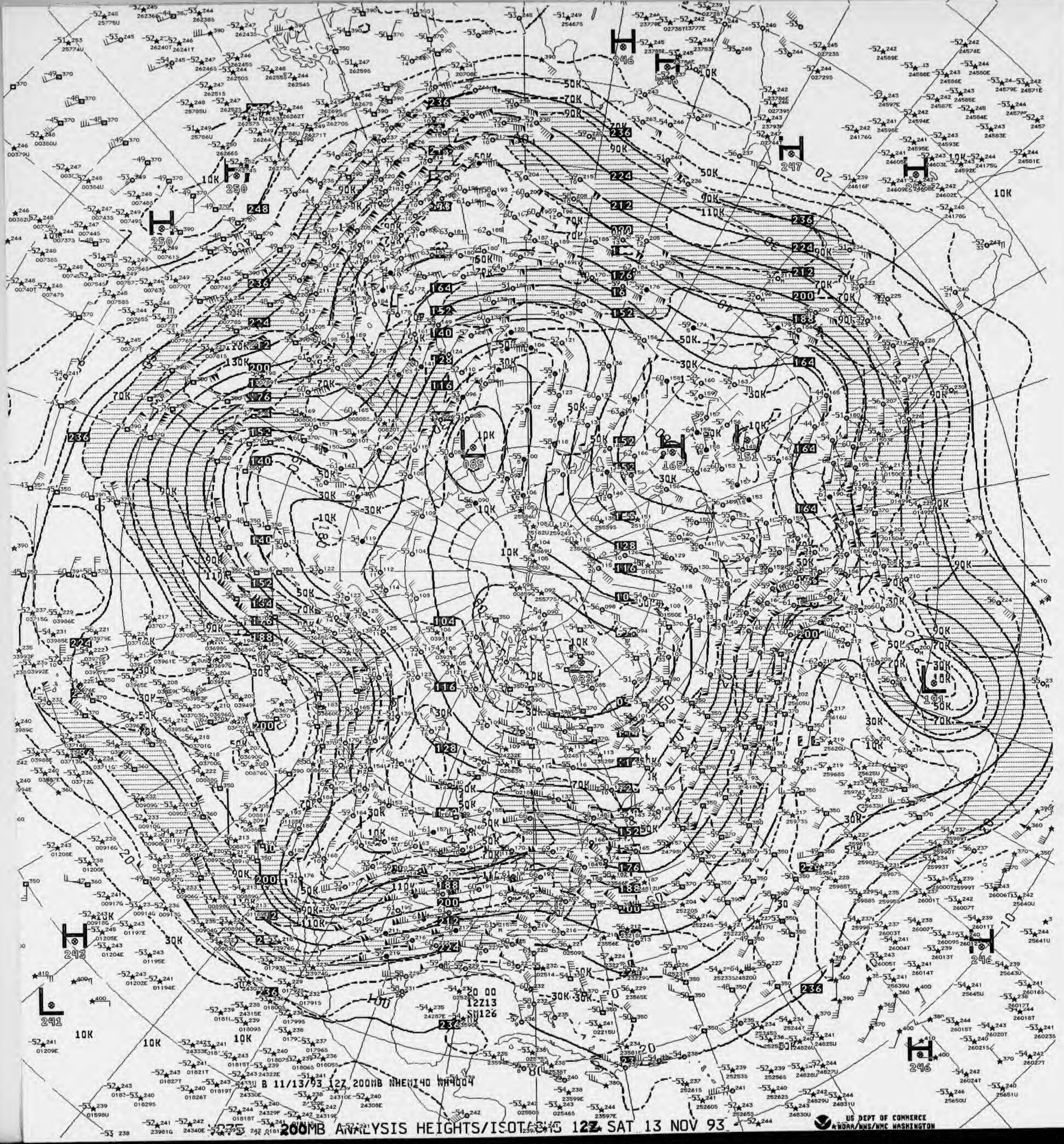

H
246
H
246
H
247
H
250
H
250
L
085
H
165
L
151
L
191
H
243
L
241
H
246
10K
30K
50K
70K
90K
110K
130K
236
224
212
200
188
176
164
152
140
128
116
104

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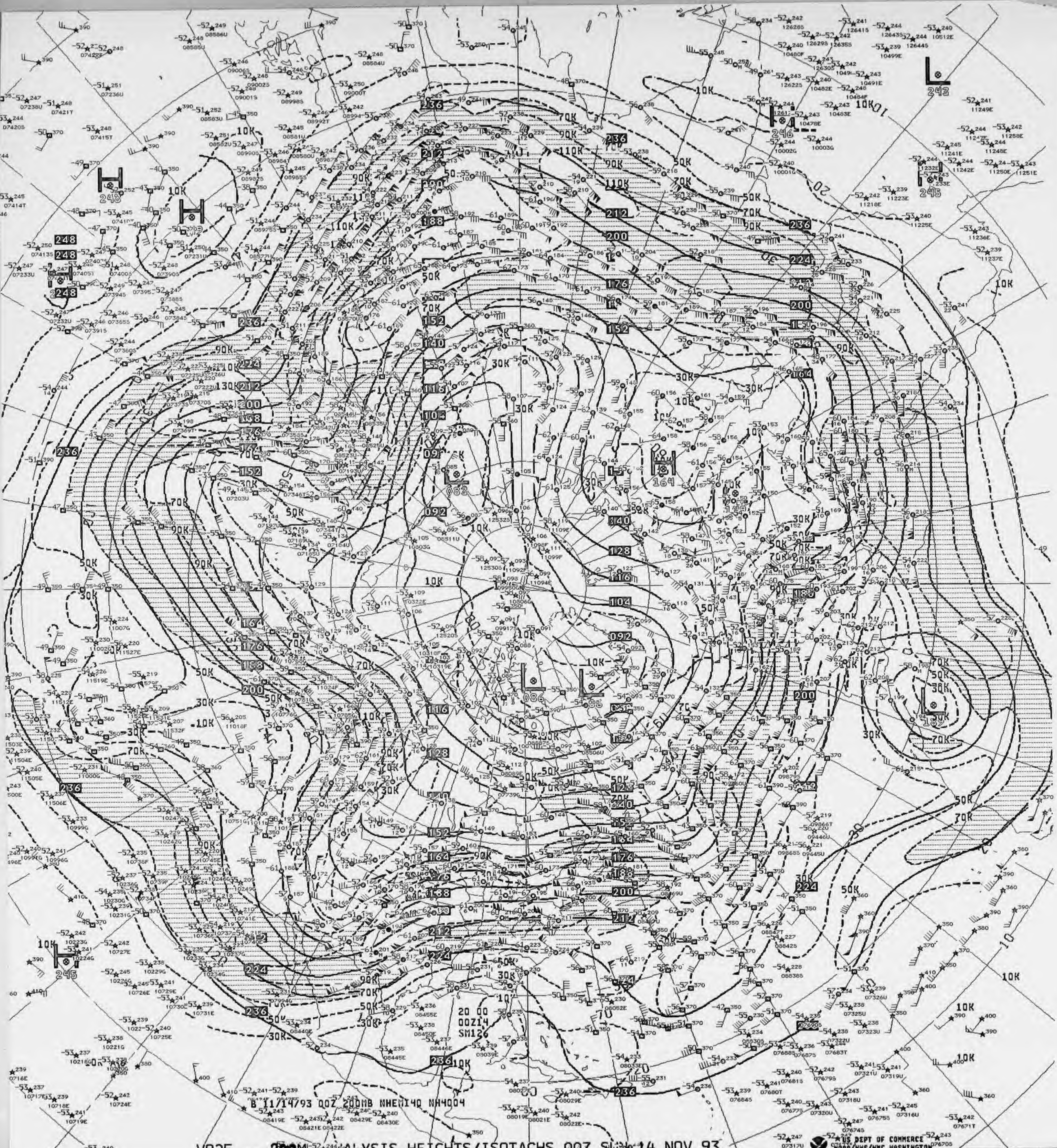
200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 13 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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SM126

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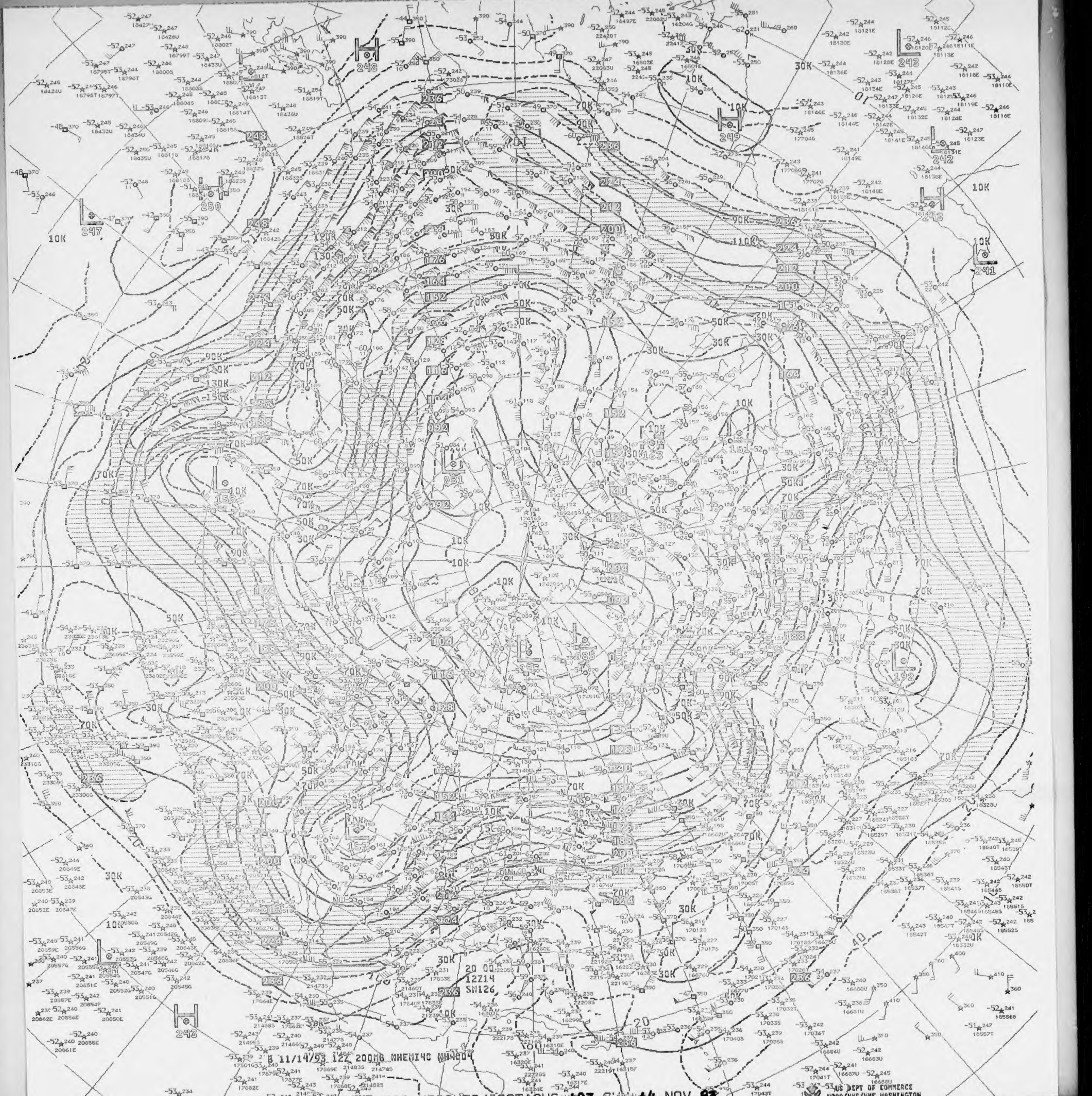
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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12Z14
SM126
20 00
H 248
H 249
H 242
L 242
L 247
L 158
L 081
L 192
10K
30K
50K
70K
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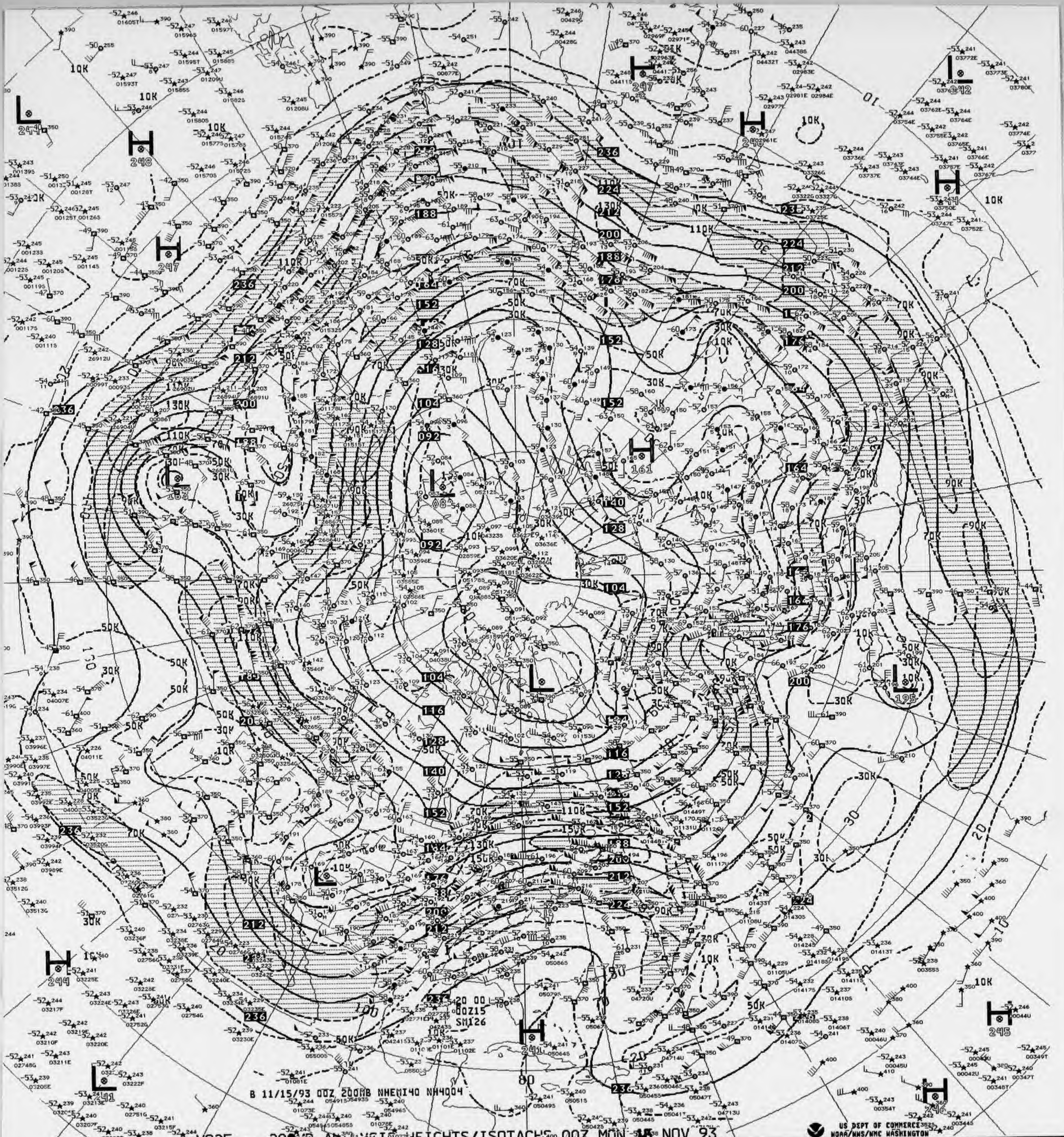
130K
150K

V875 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 14 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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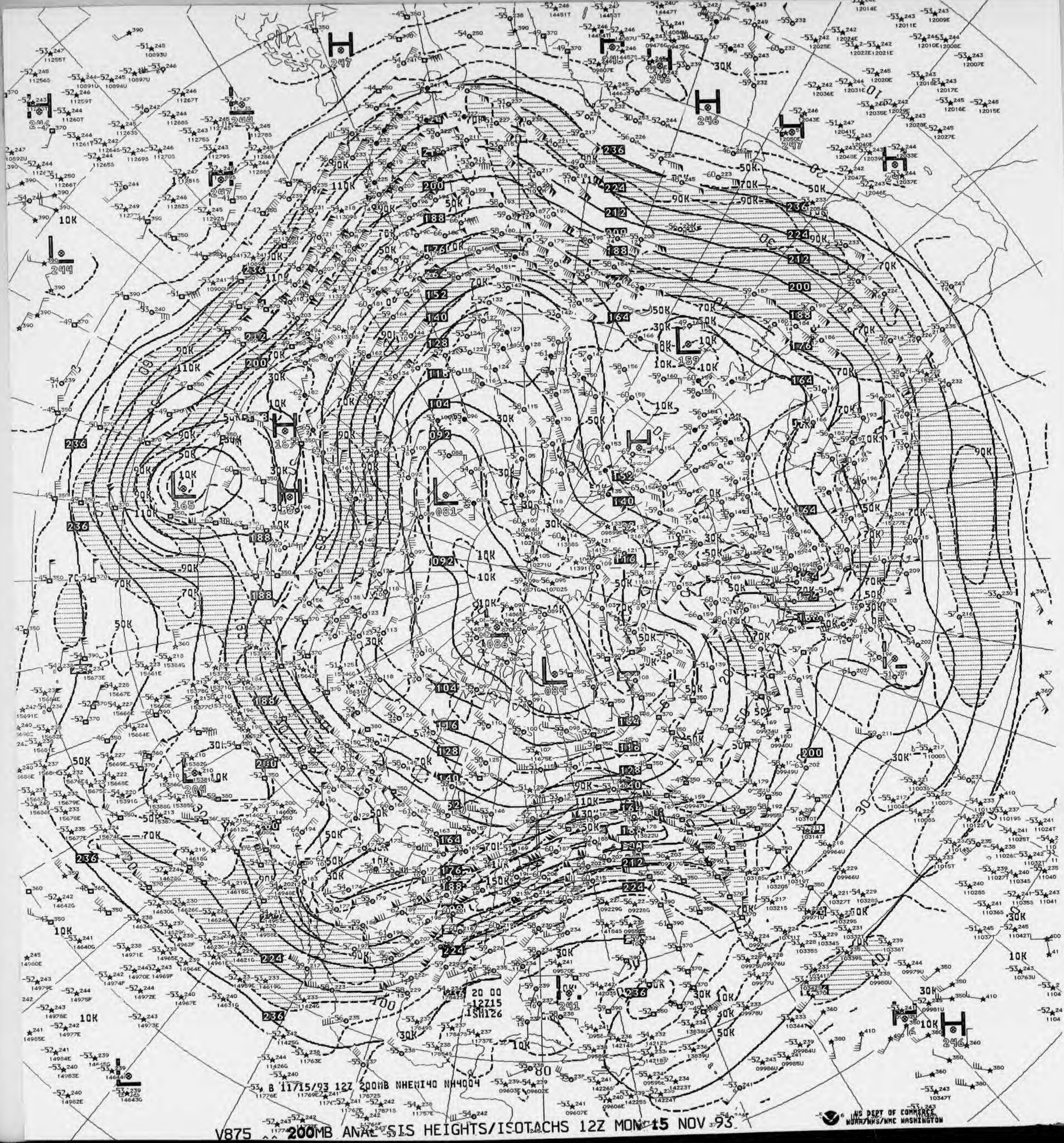
V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 15 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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NOAA/NWS/NMC WASHINGTON

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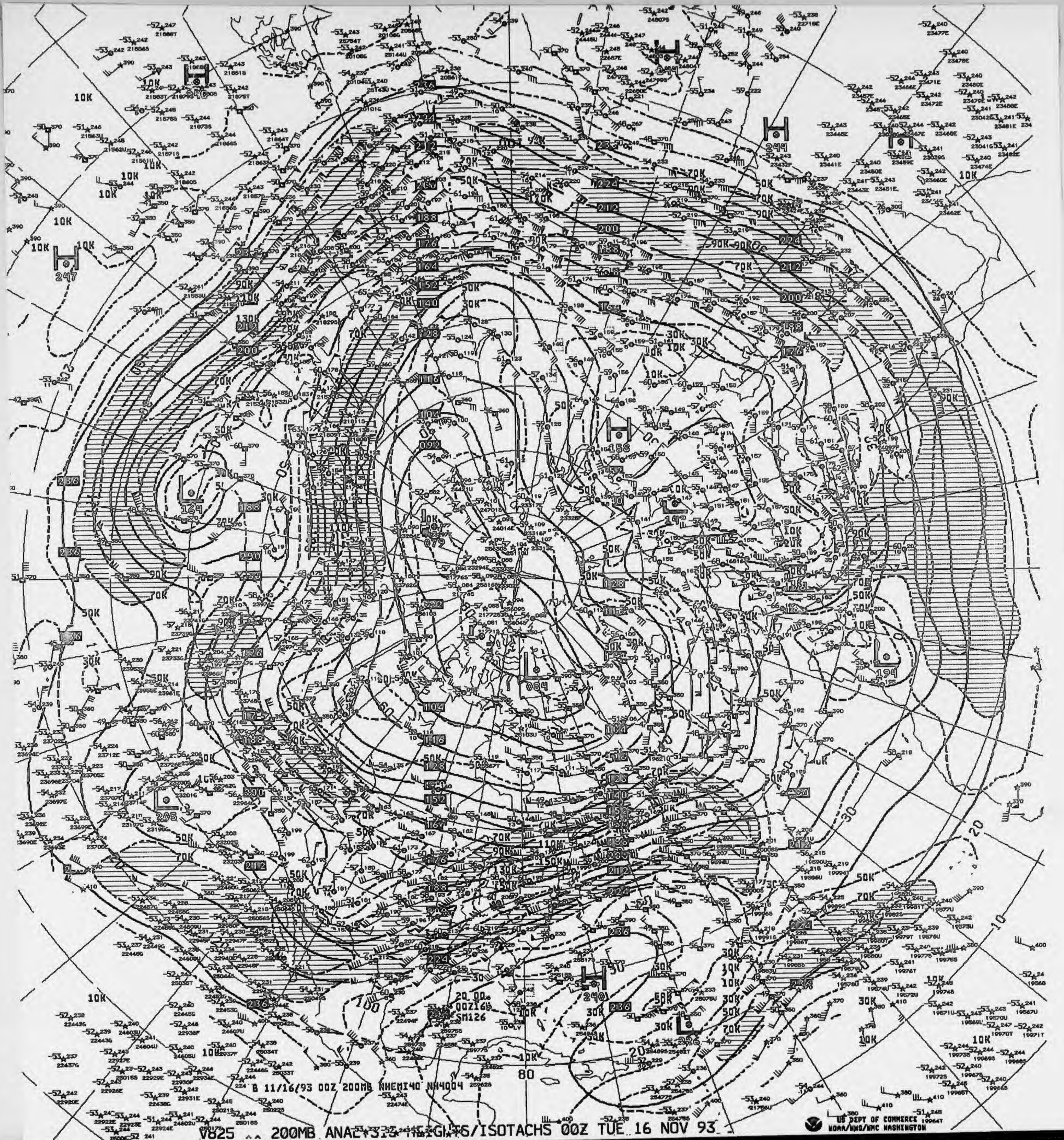
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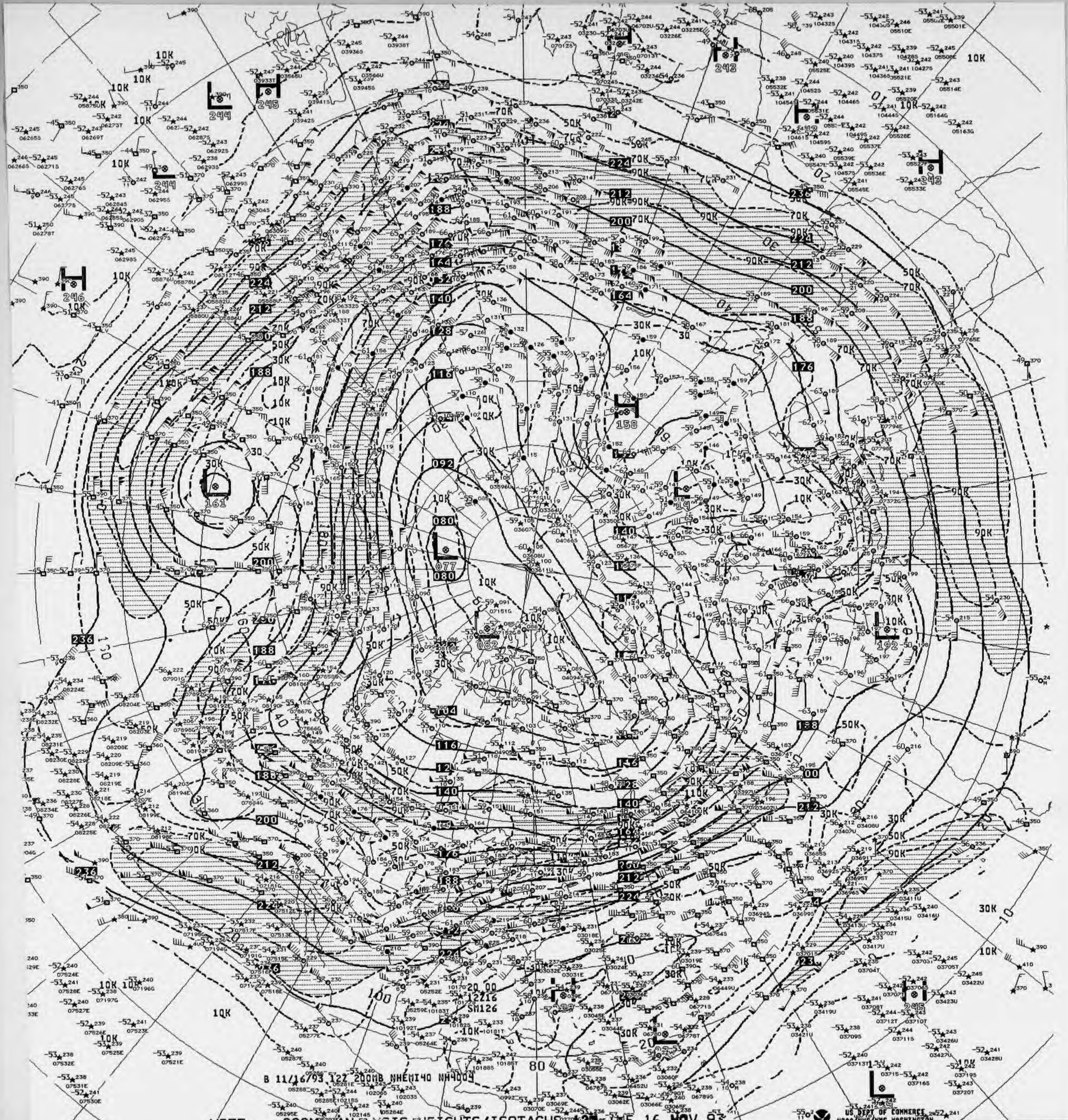
V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 16 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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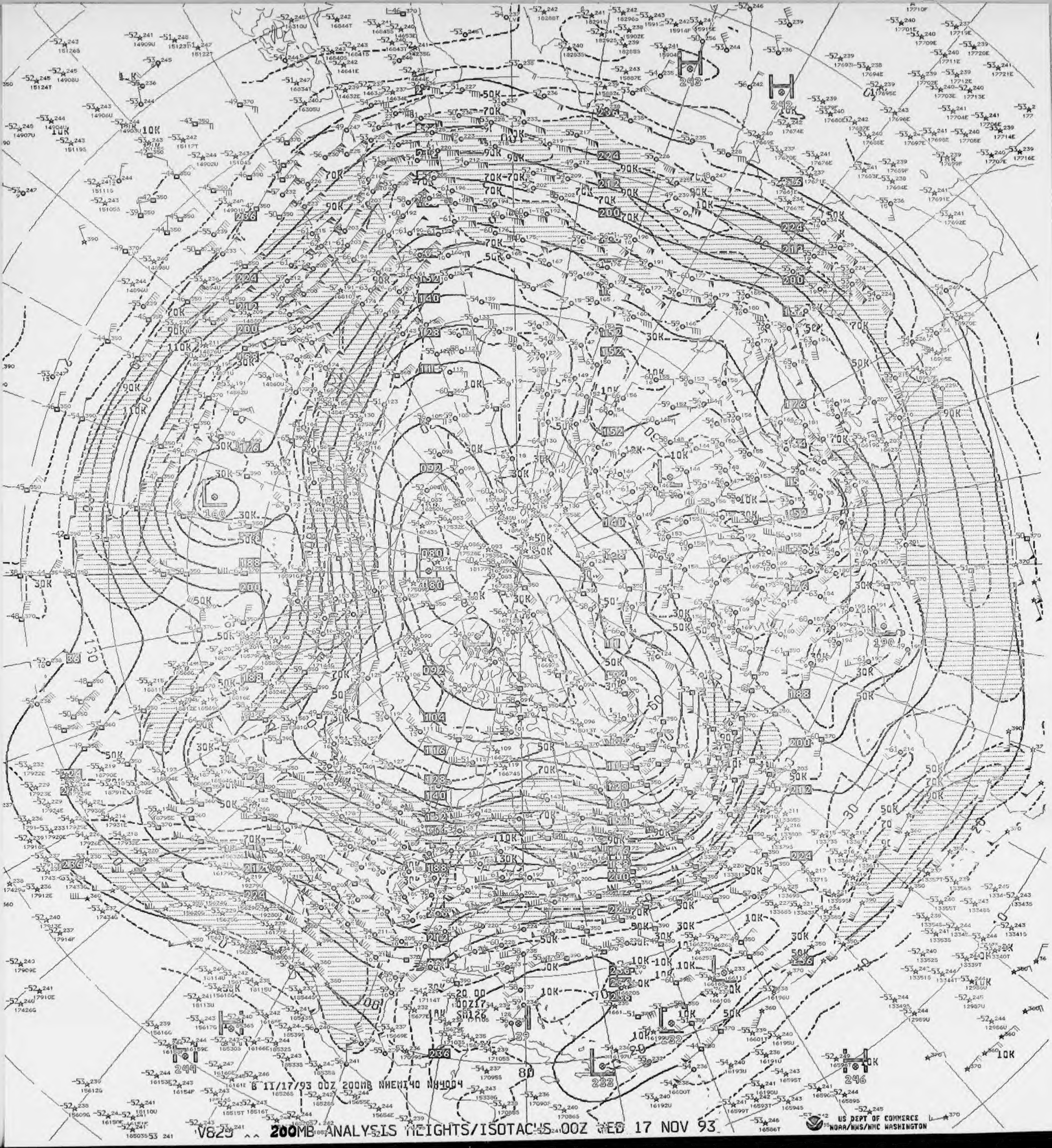
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V875 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 16 NOV 93


B 11/17/93 00Z 200MB NHEMI40 NH4004
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242
243
L
160
233
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232
236
200
212
224
188
176
152
140
128
116
104
092
080
50K
70K
90K
110K
30K
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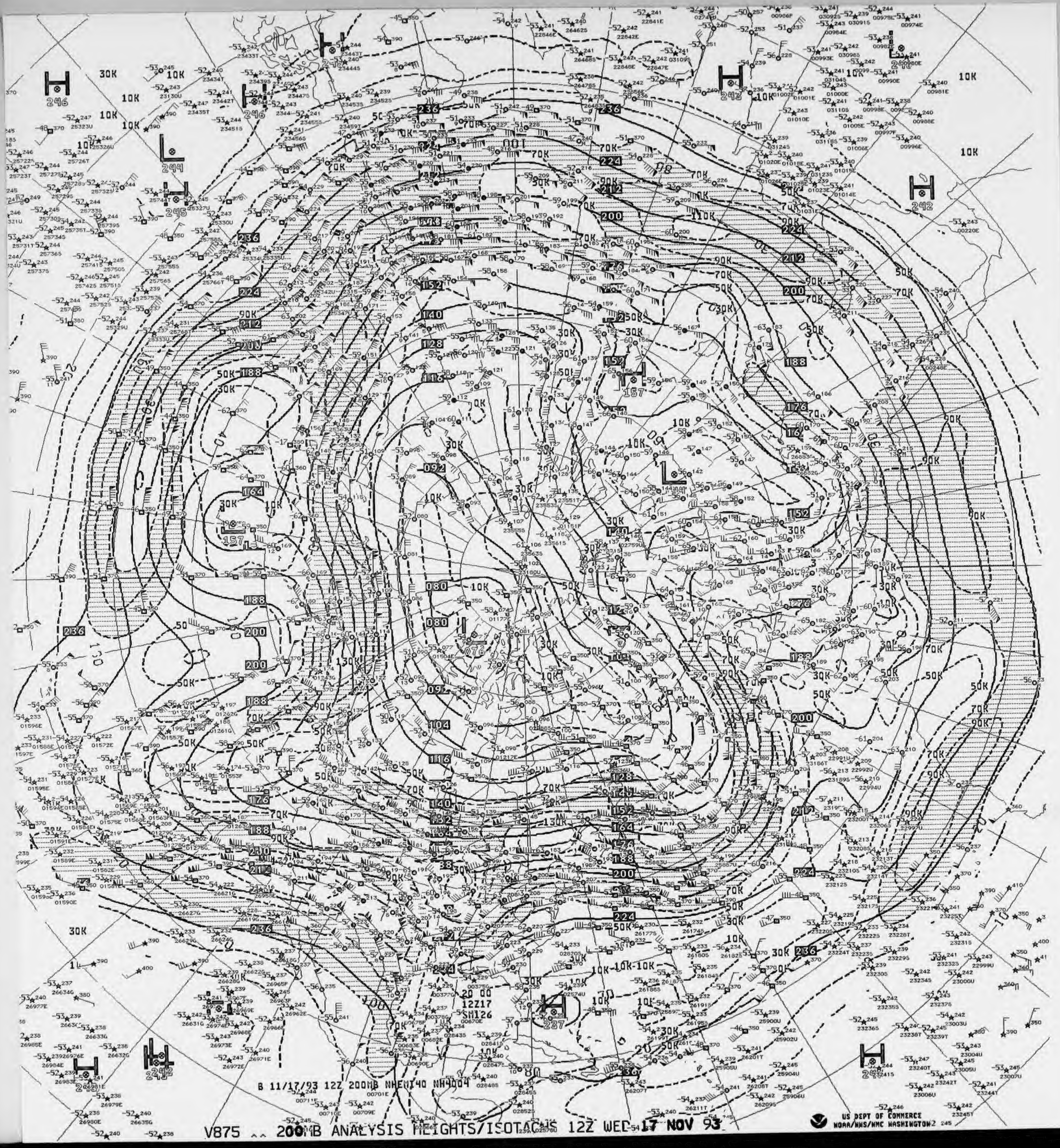
V825 ^^ **200**MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 17 NOV 93

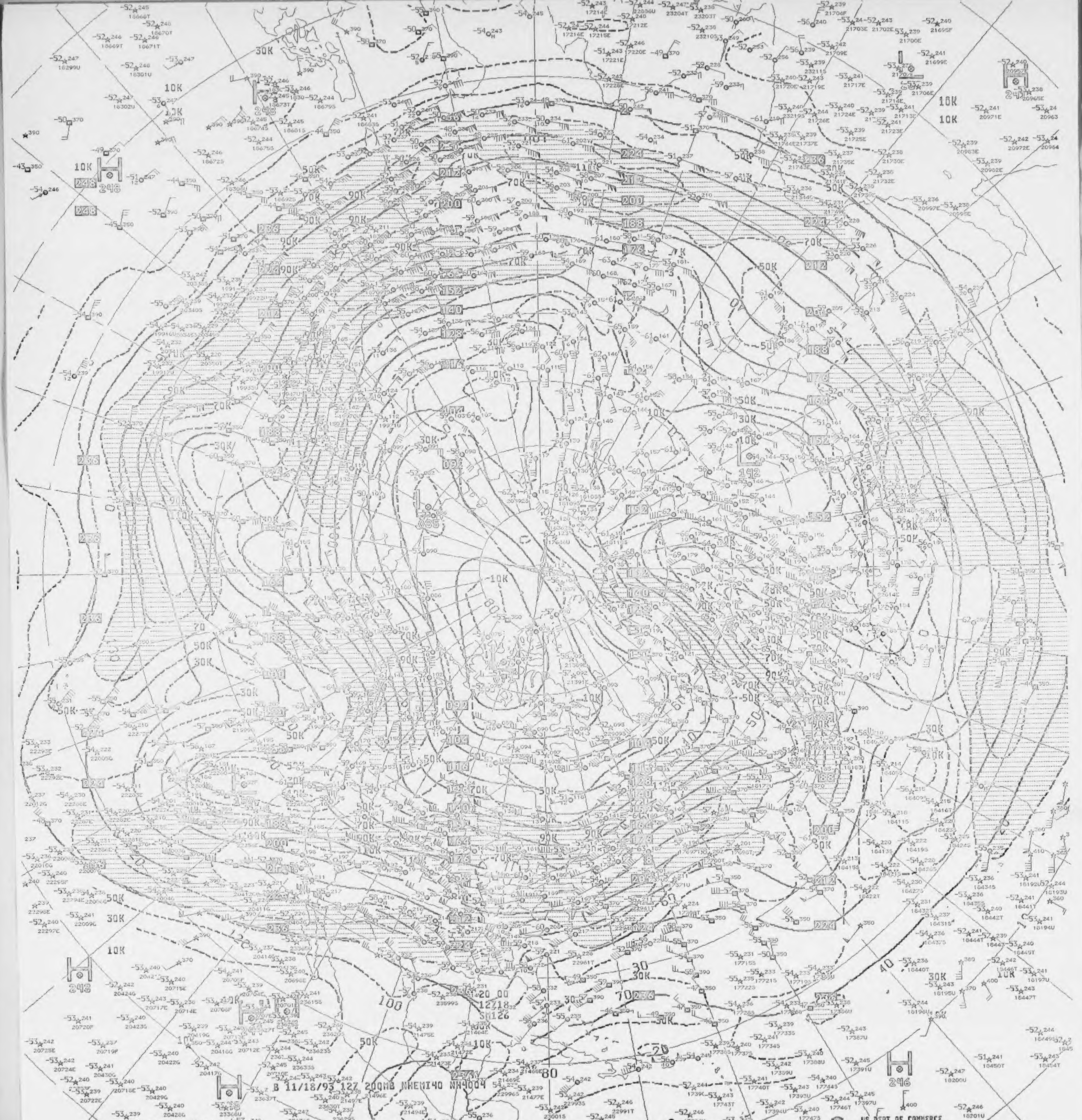
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
246
L
244
H
243
H
242
L
157
L
076
H
237
H
242
H
243
10K
30K
50K
70K
90K
130K
236
224
212
200
188
176
164
152
140
128
116
104
092
080

B 11/17/93 12Z 200MB NHEMI40 NH4004

V875 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 17 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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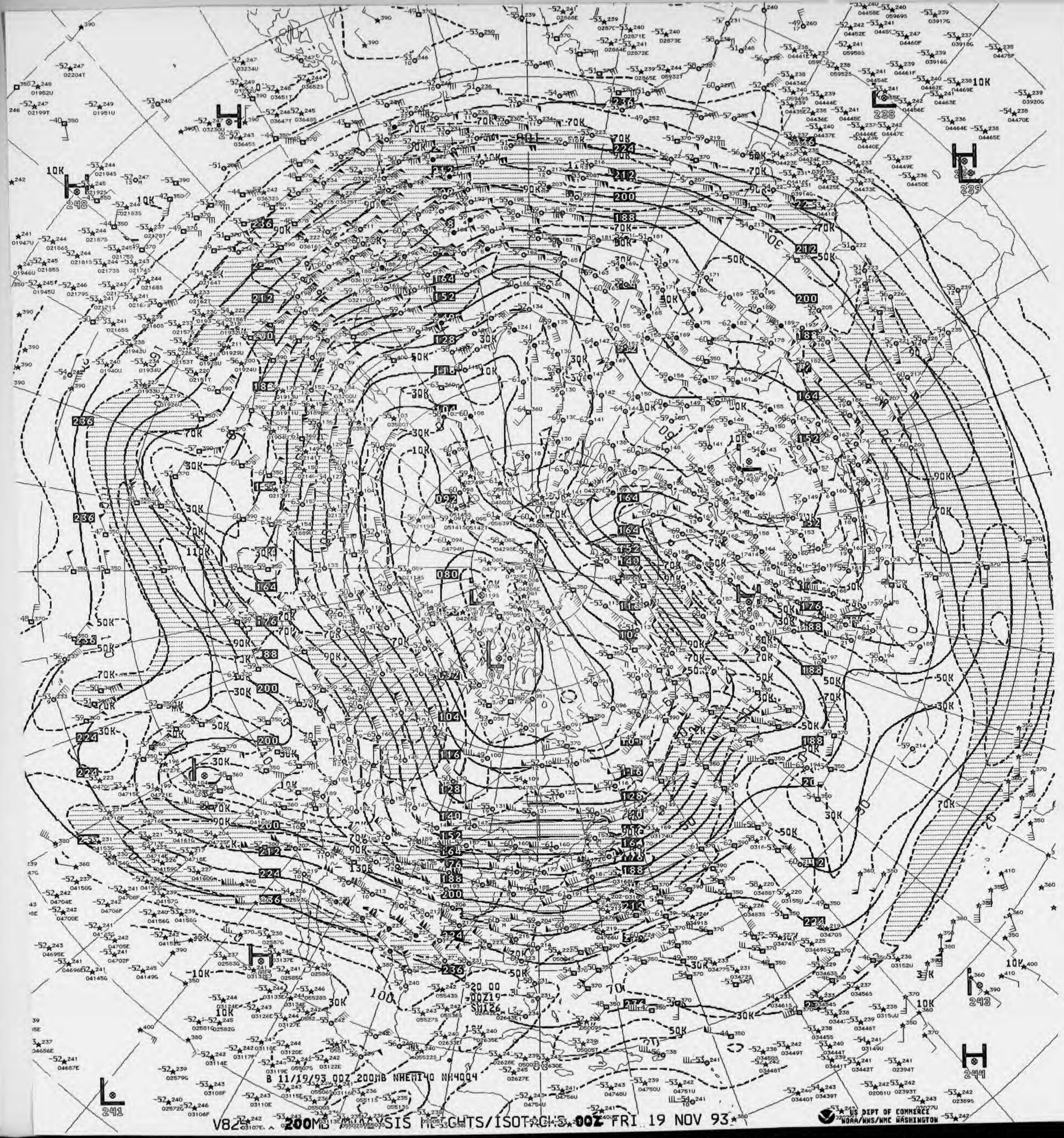
V873 **200**MB ANALYSIS HEIGHTS/ISOTACHS **12Z** THU **18 N**OV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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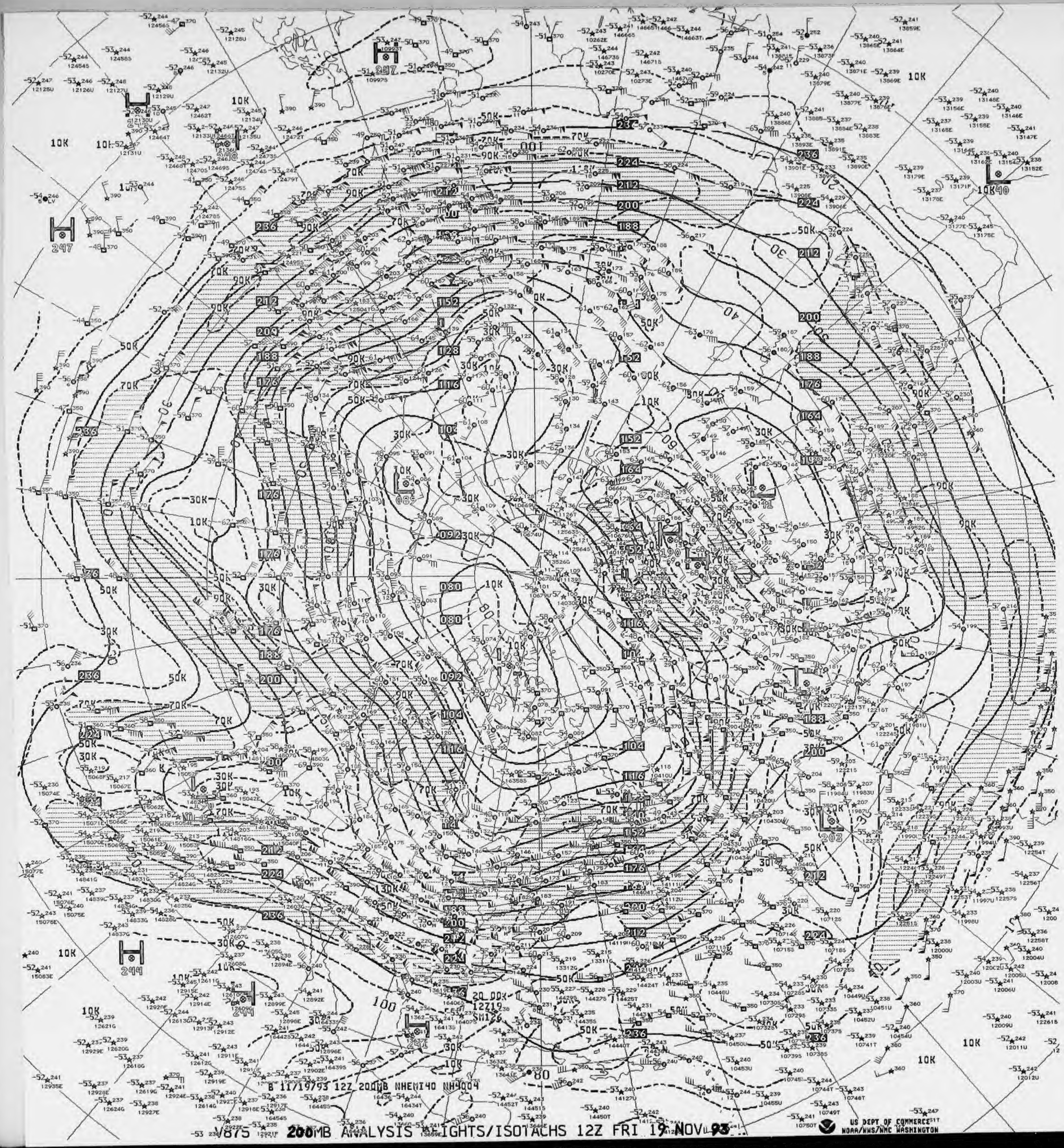
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V82 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 19 NOV 93



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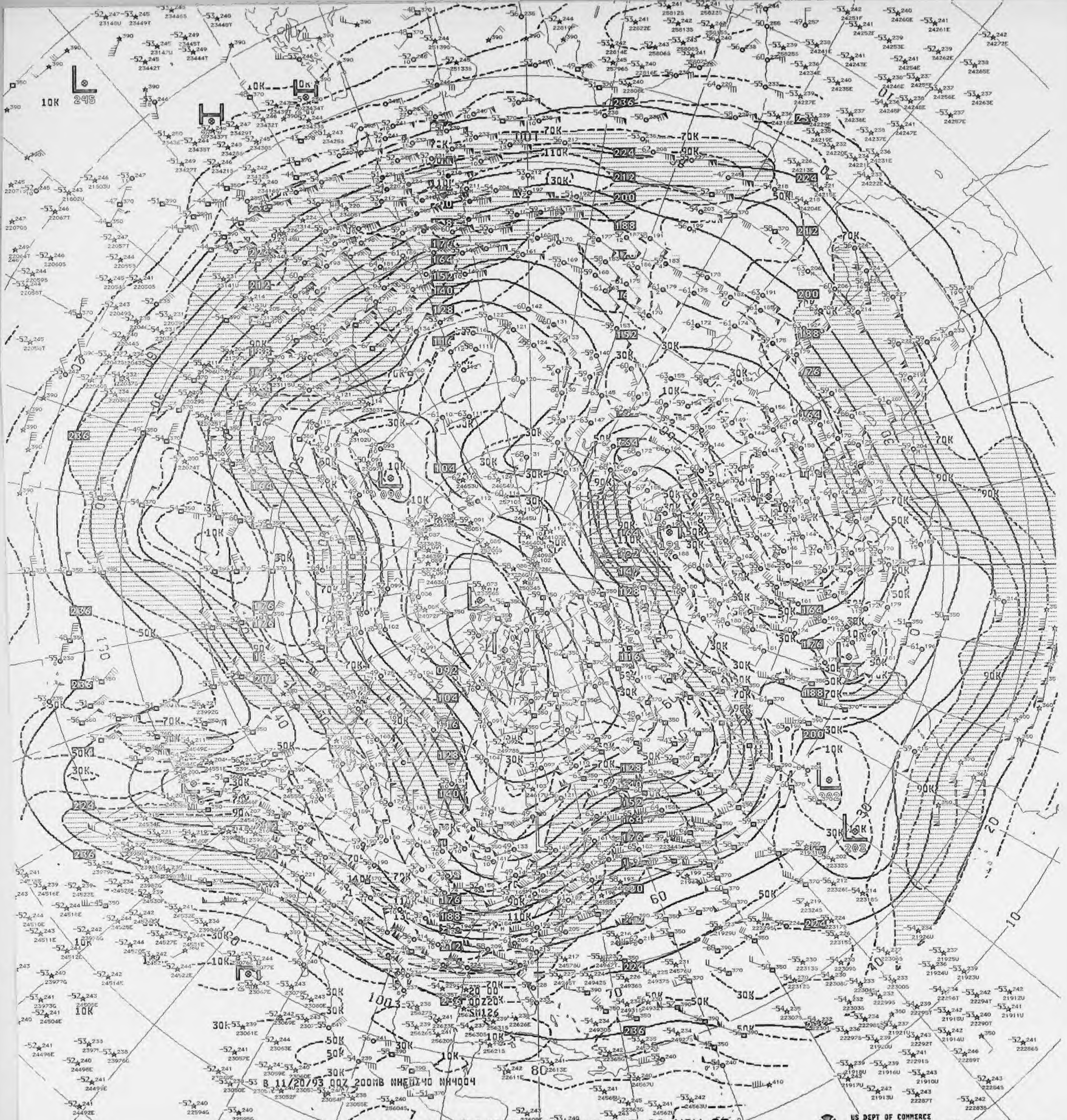
V875 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 19 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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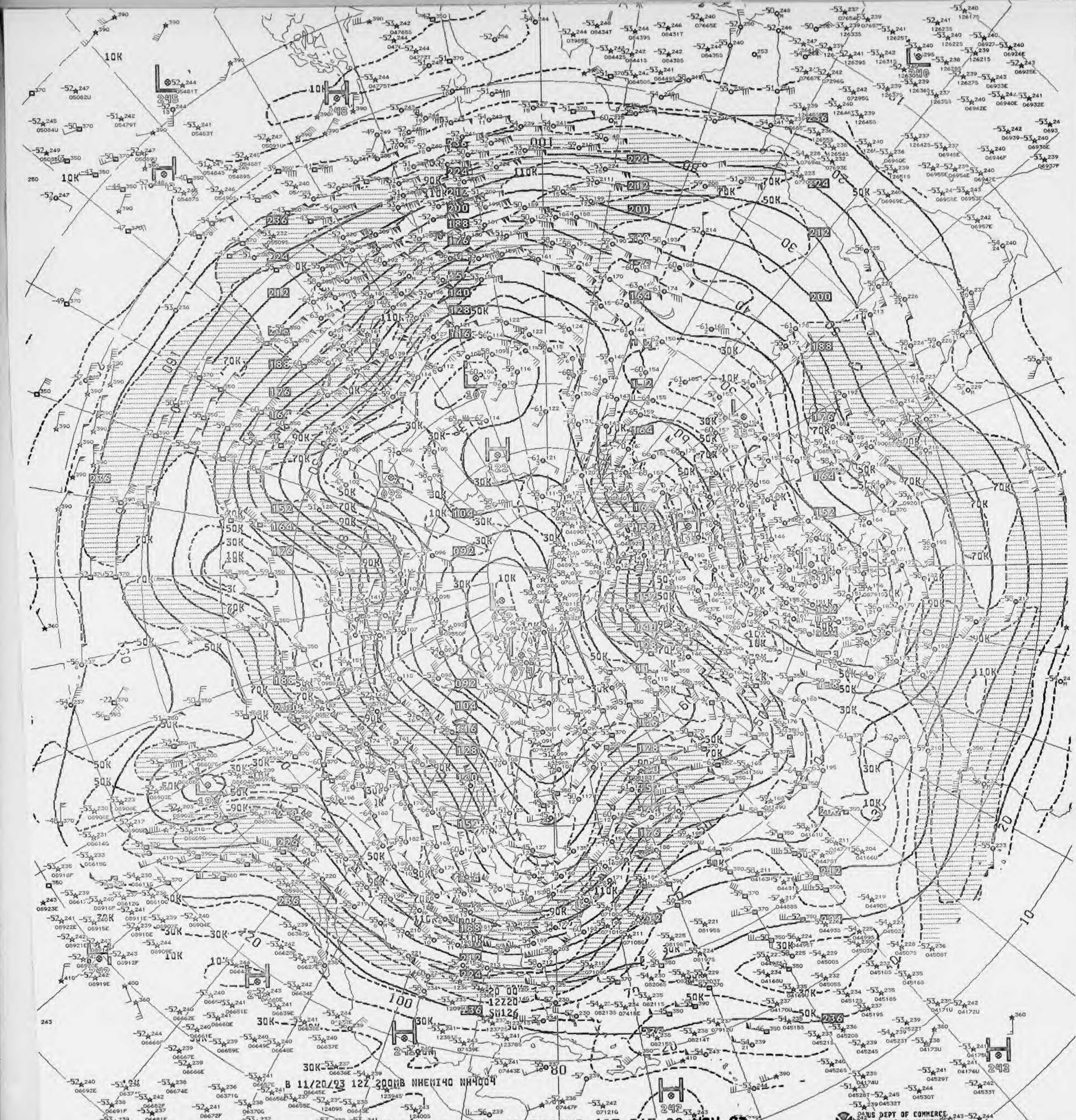
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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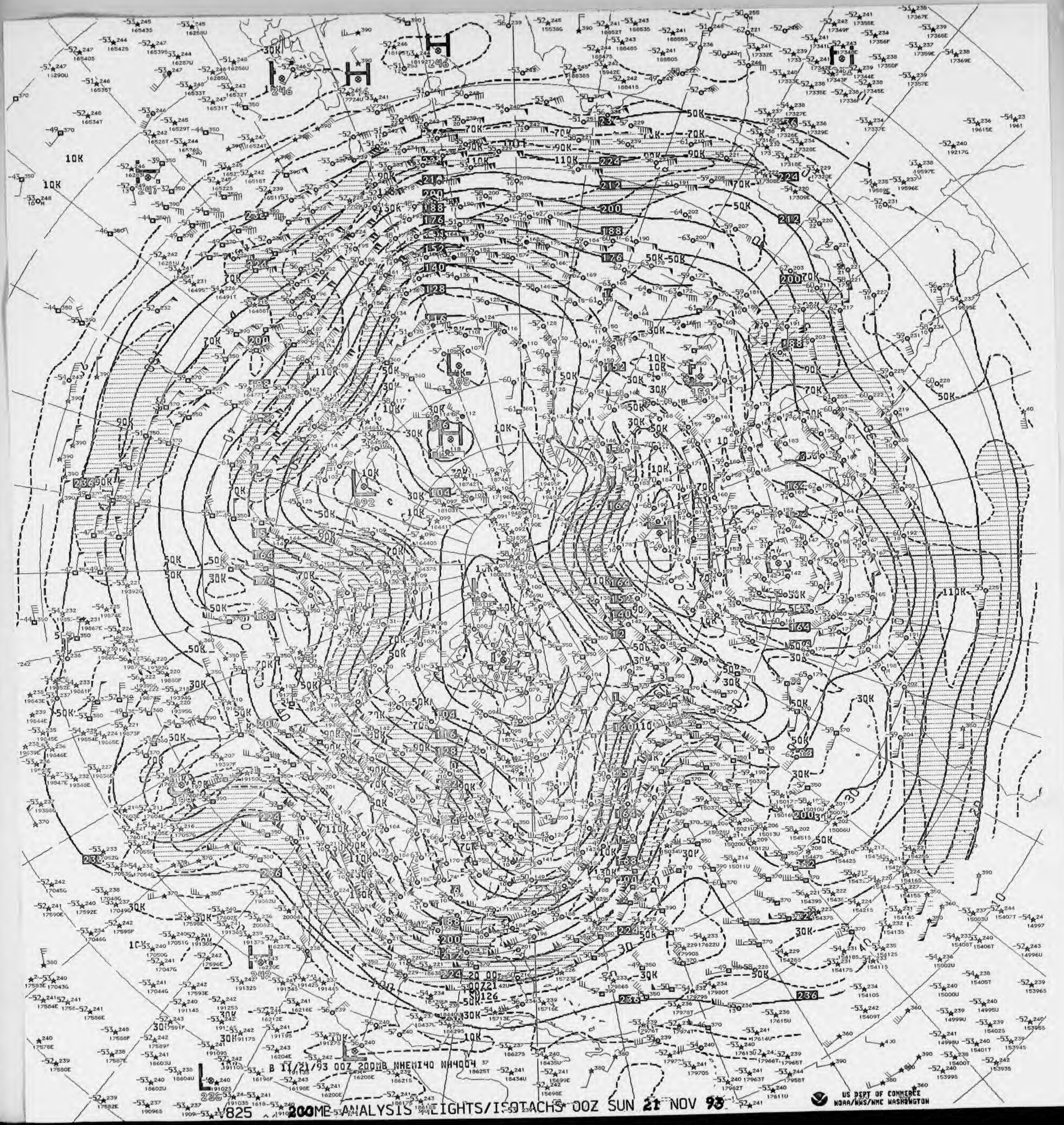
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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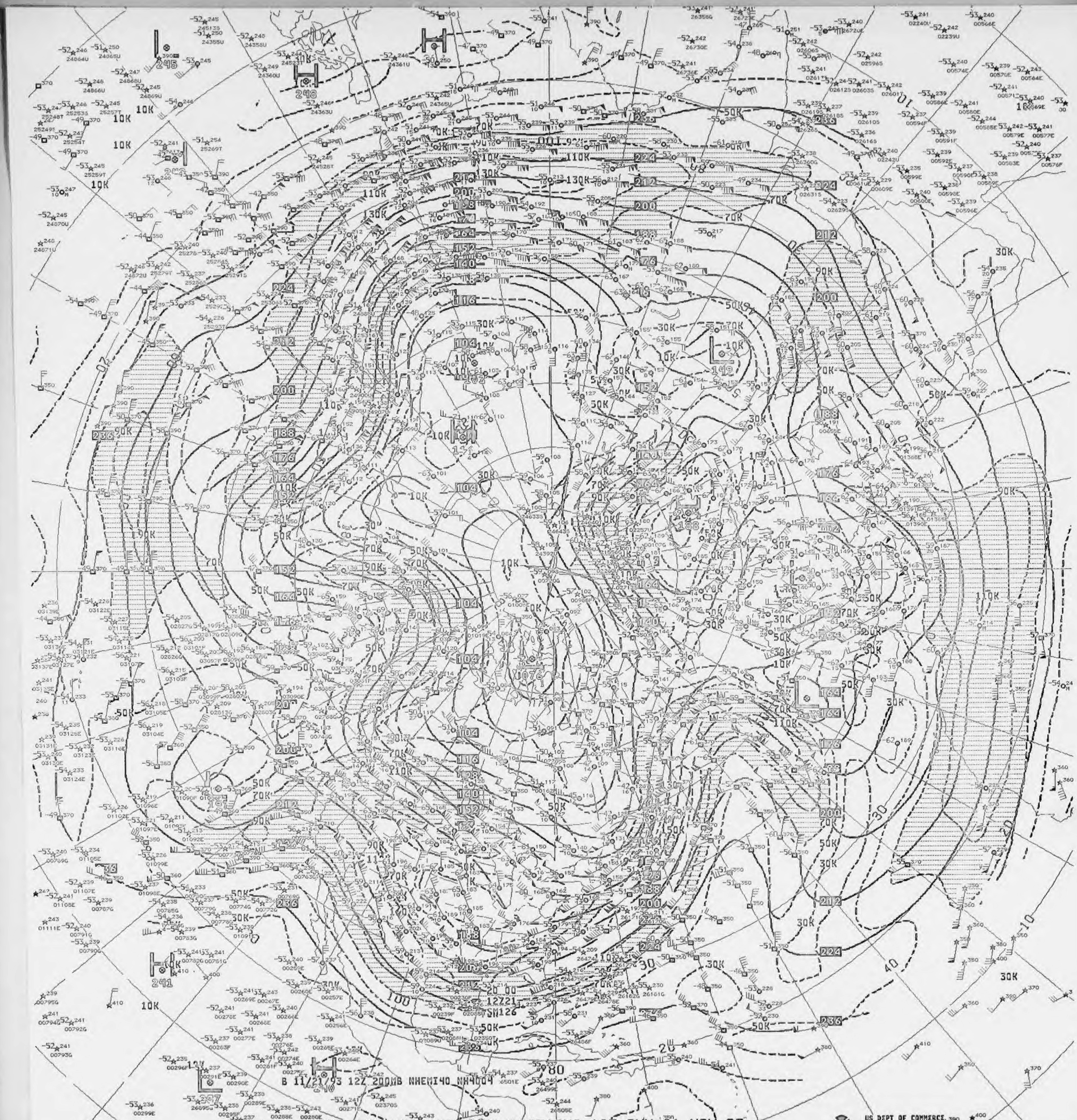
V825 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 21 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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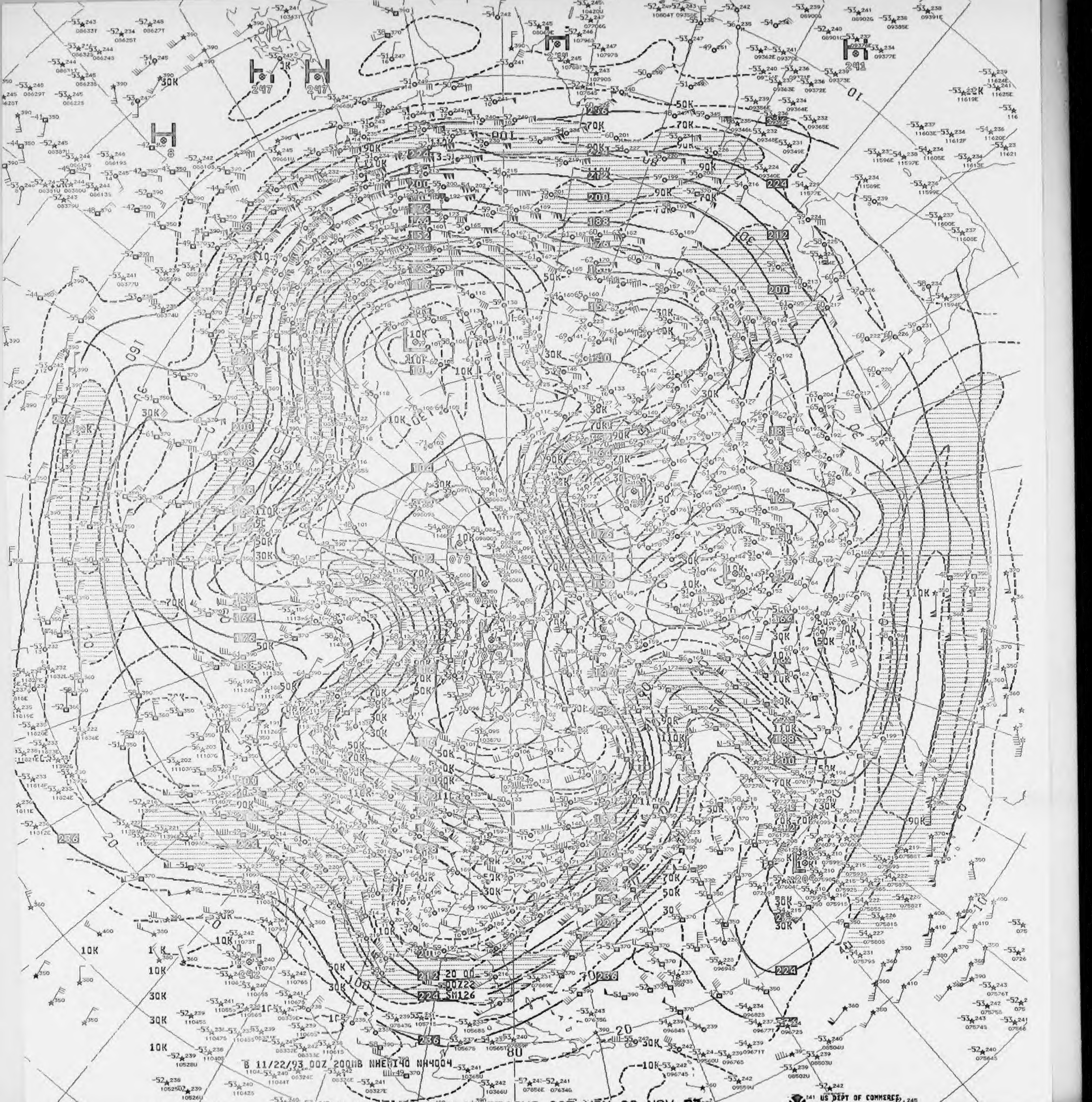

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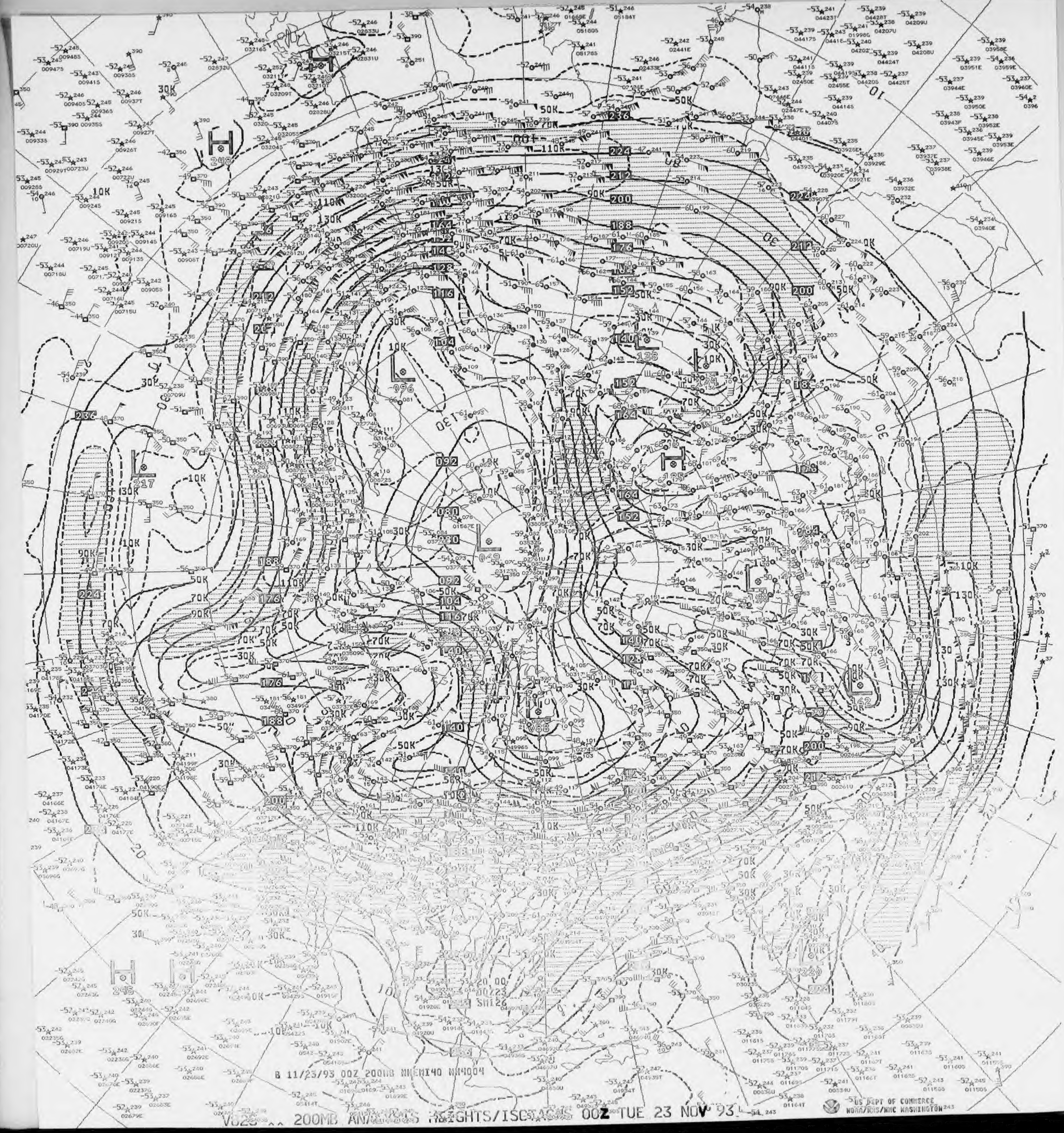
141 US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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V825 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 23 NOV 93

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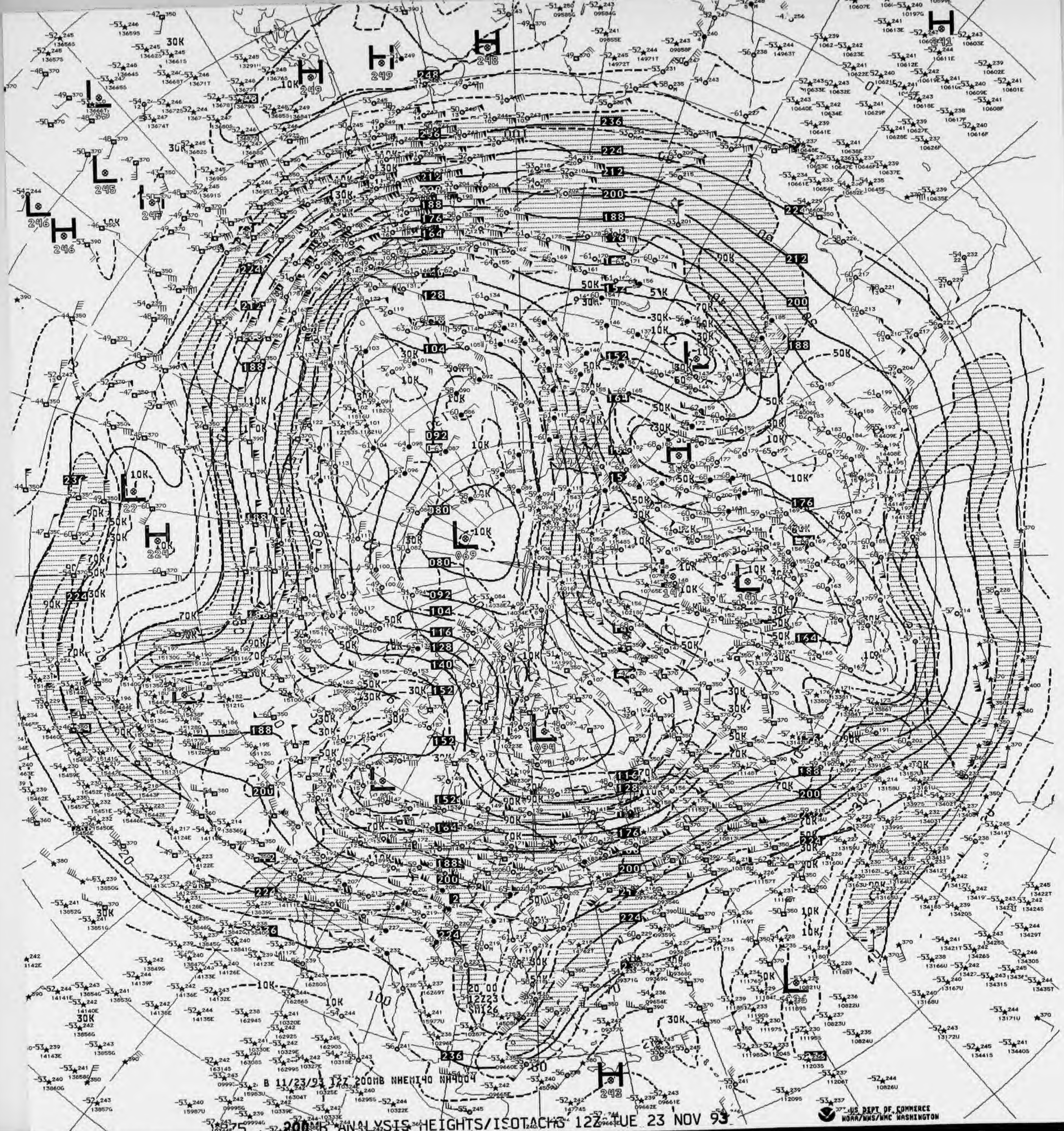
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H
L
236
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212
200
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164
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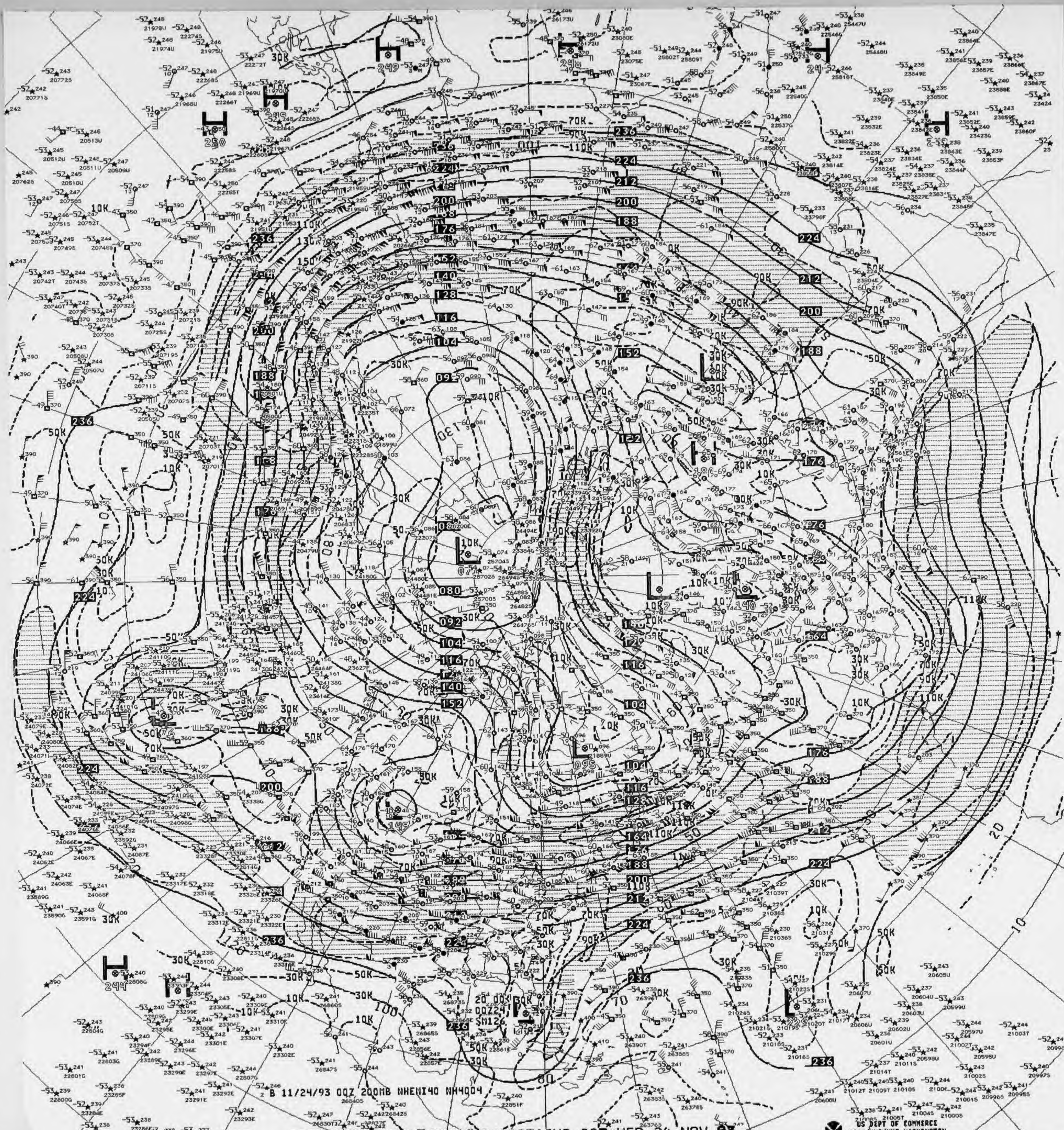
875 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 23 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 250
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H 24
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L 149
L 186
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164
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116
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B 11/24/93 00Z 200MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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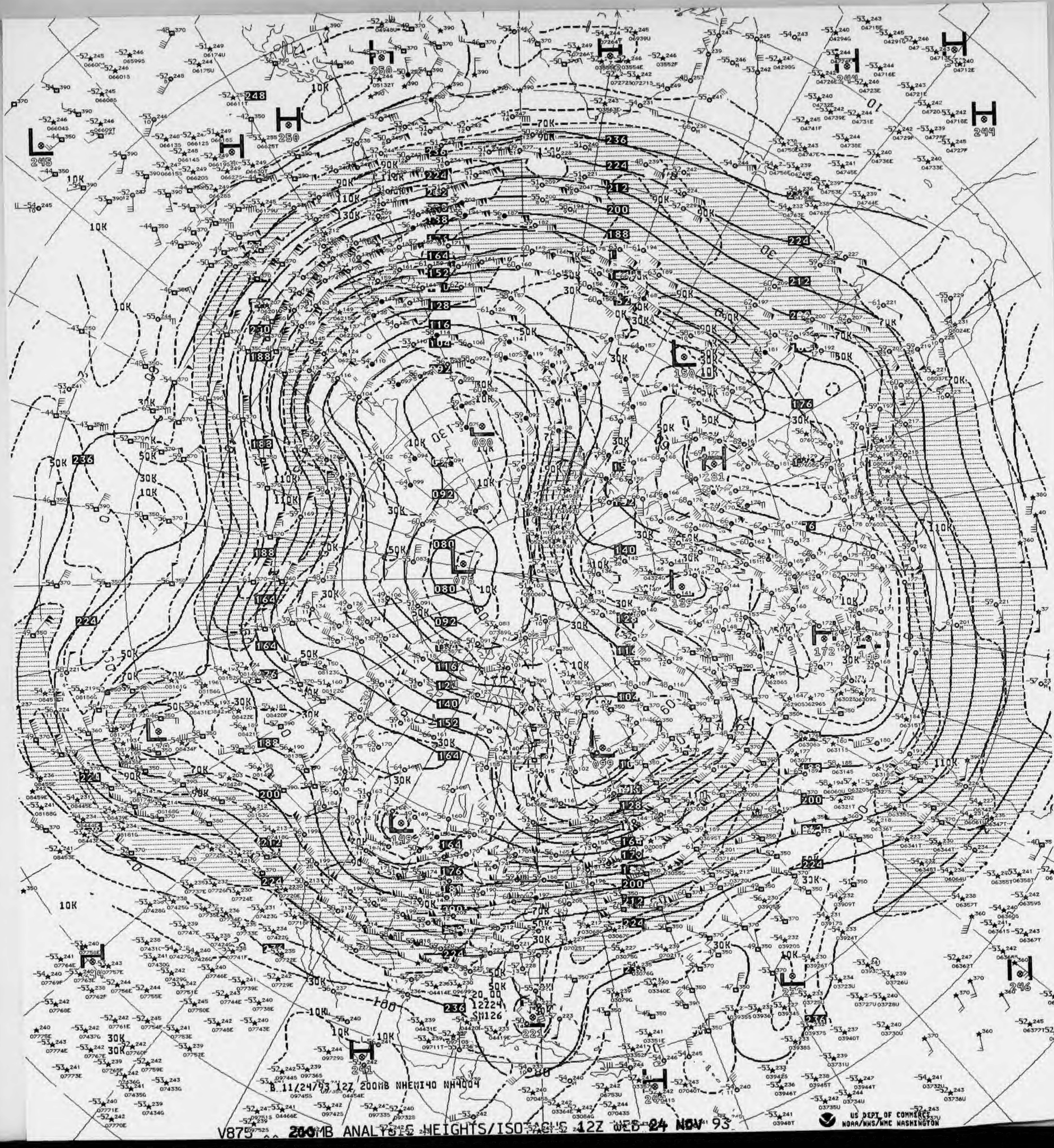
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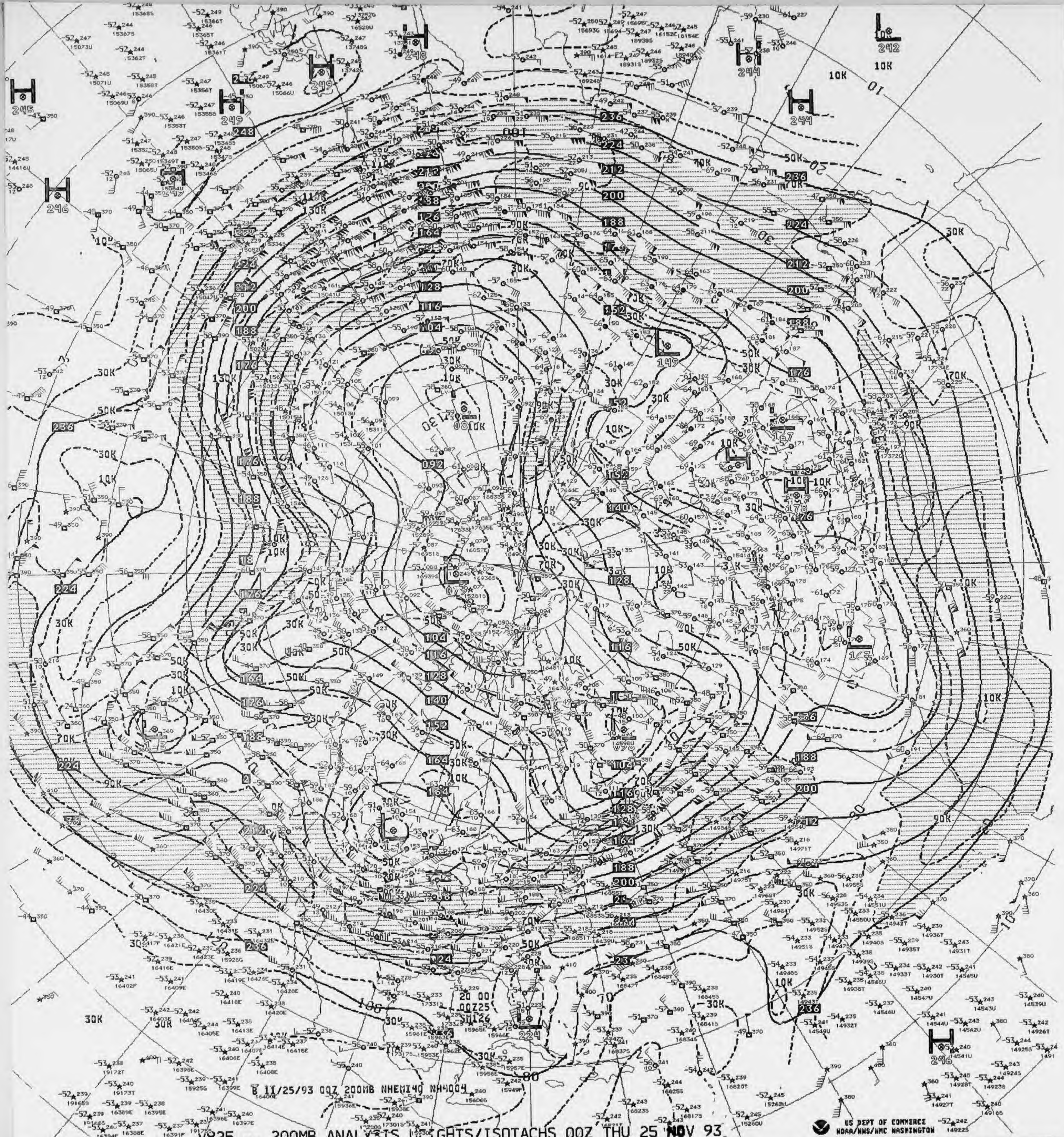
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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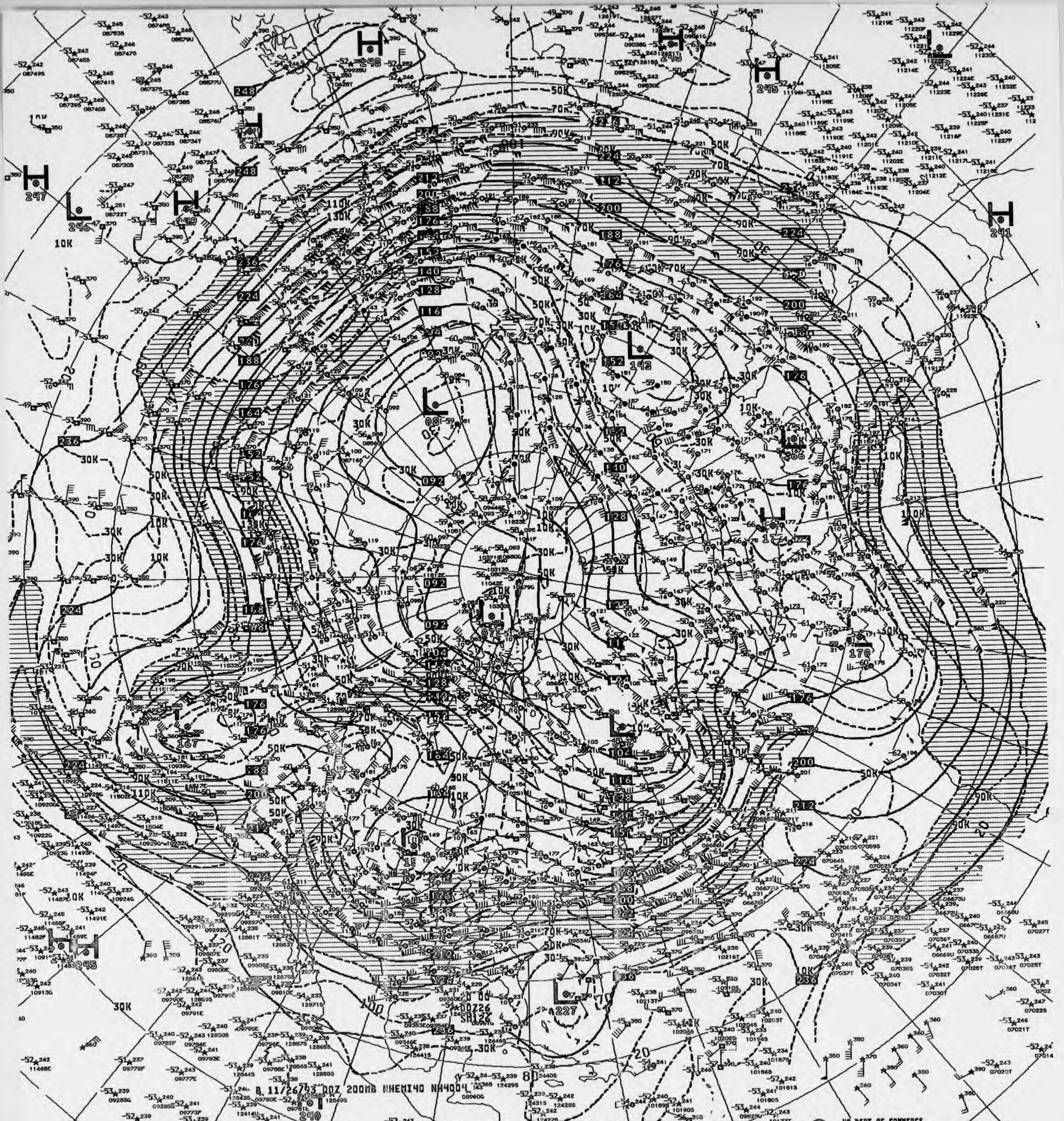
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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30K
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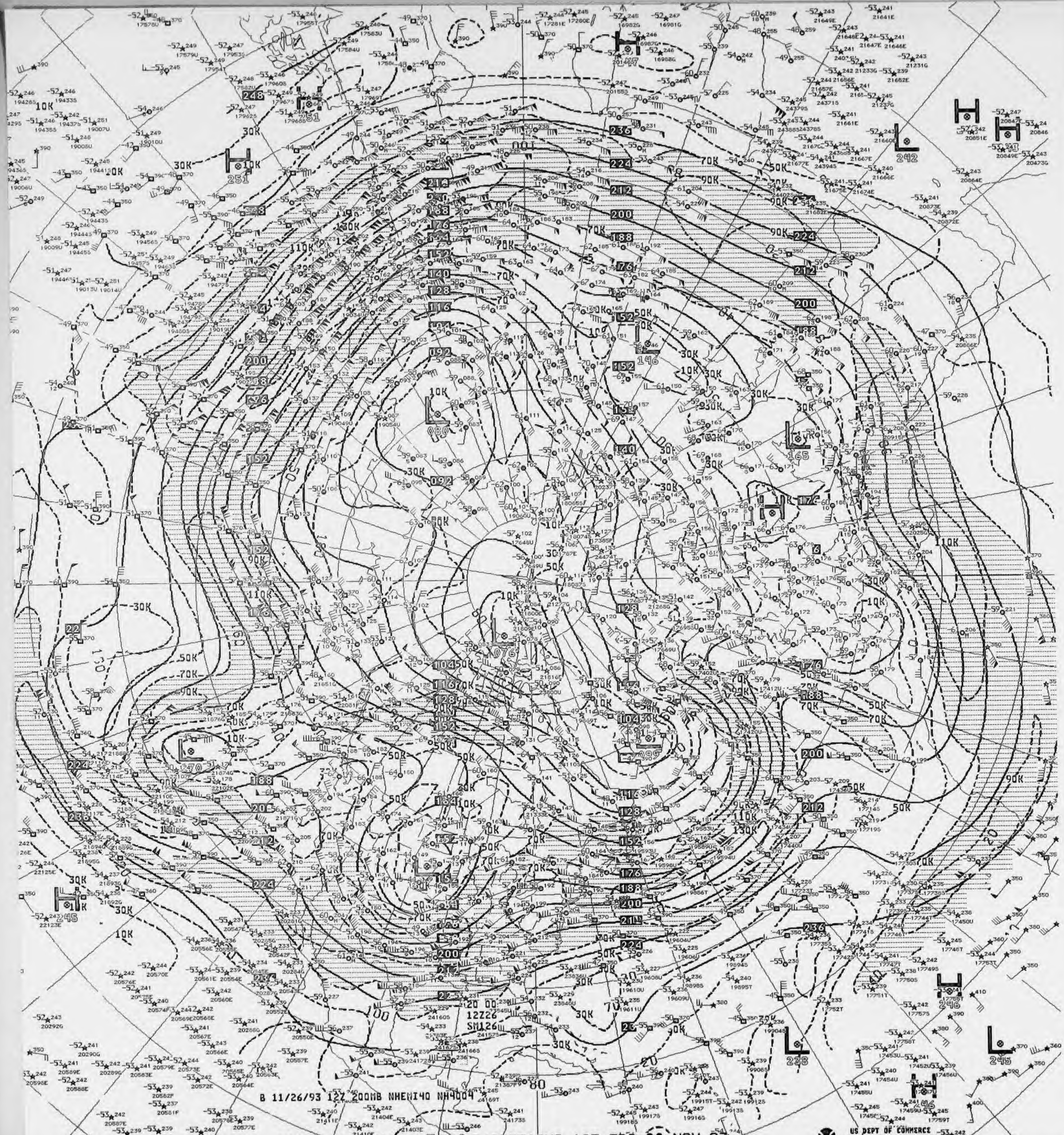
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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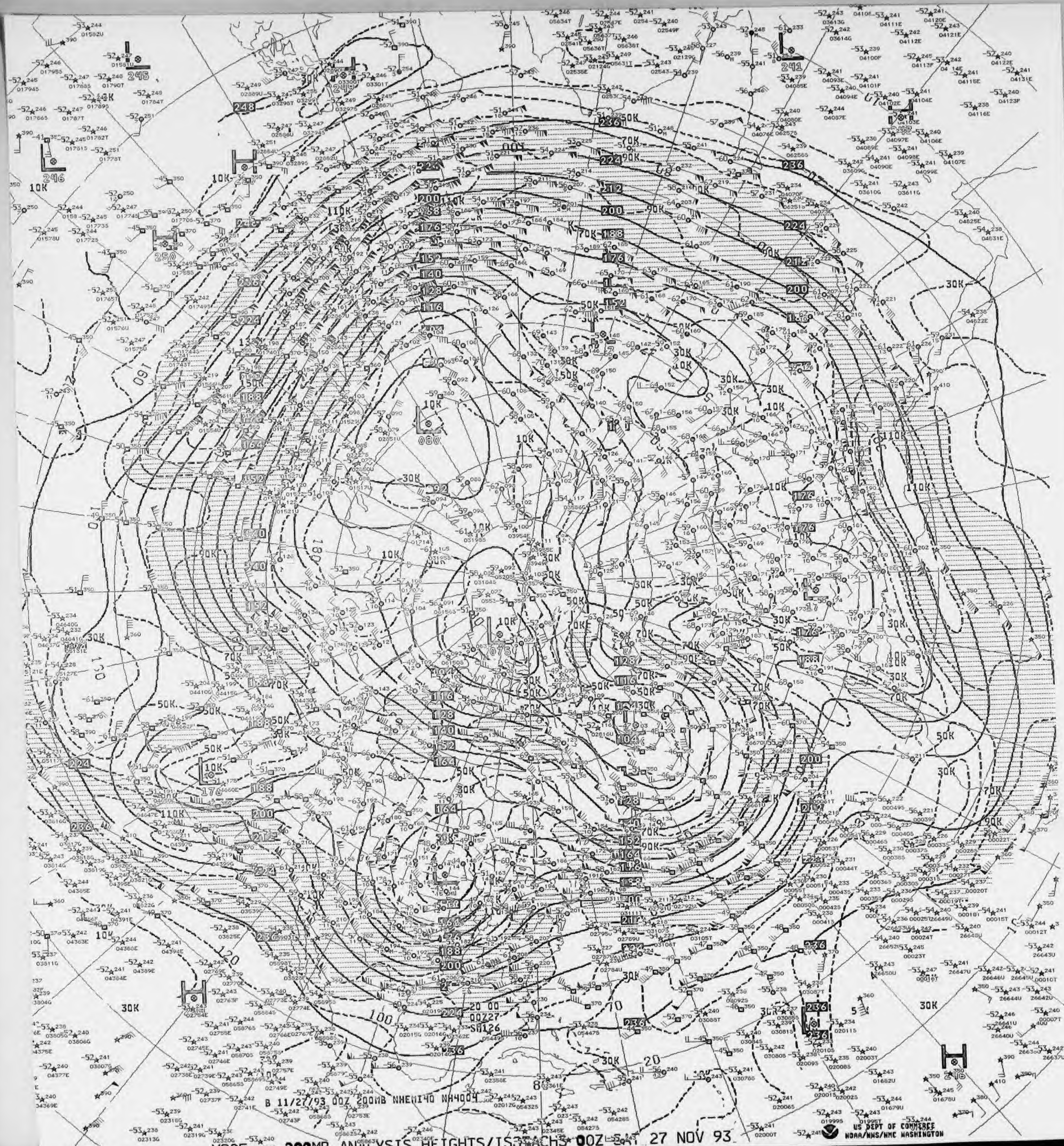
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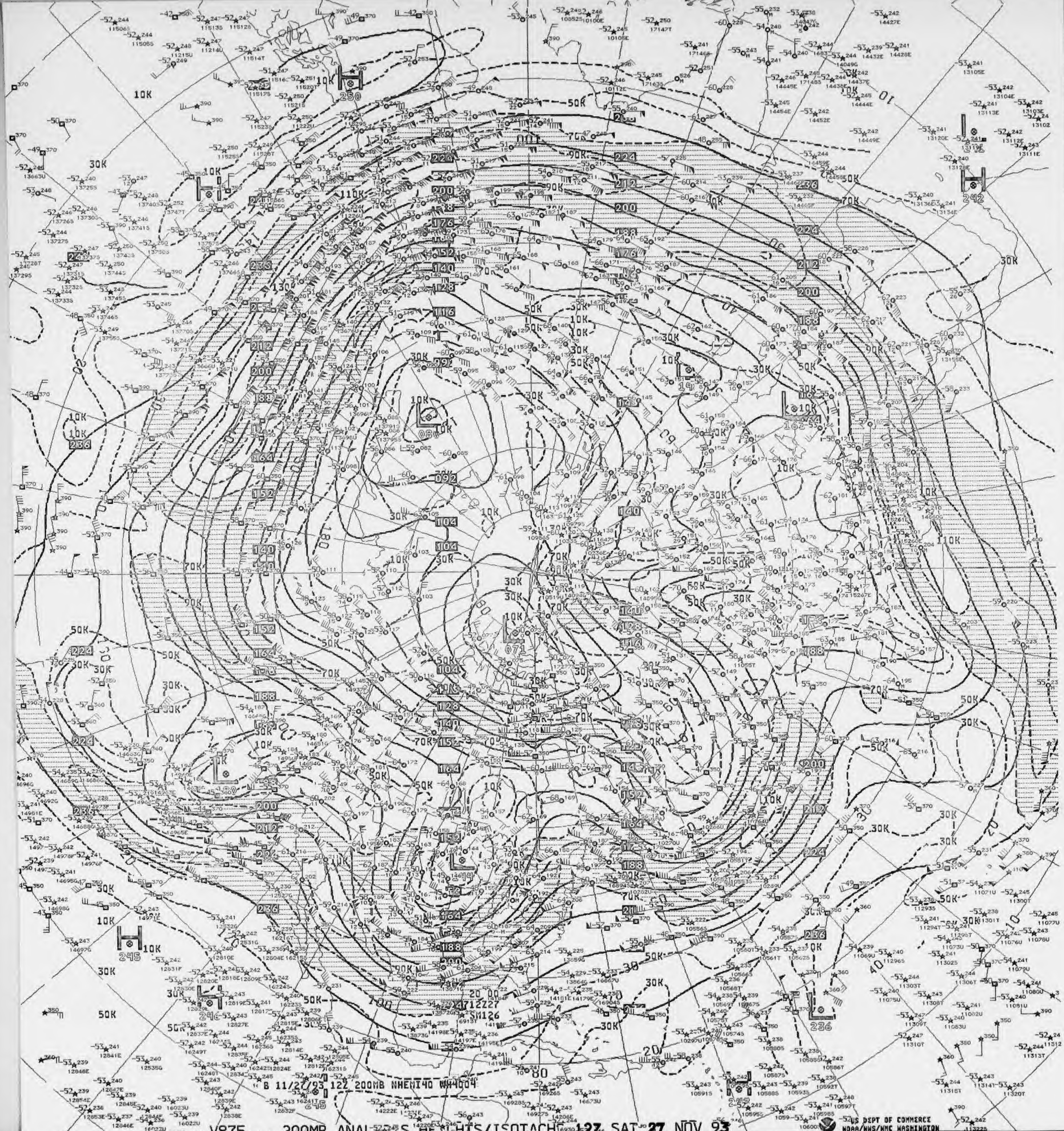
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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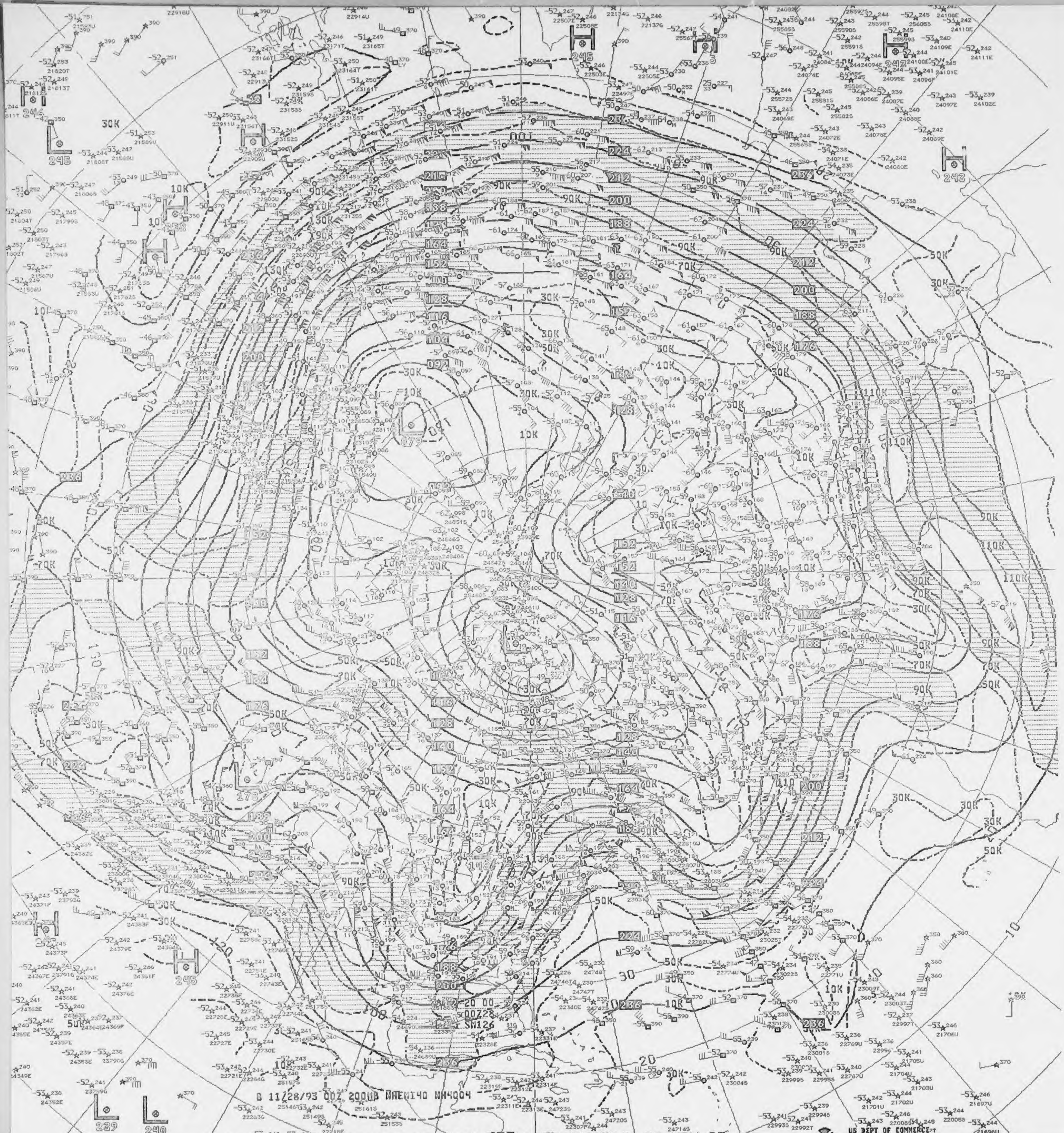
NOAA/NWS/NMC WASHINGTON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176
164
152
140
128
116
104
092
079
10K
30K
50K
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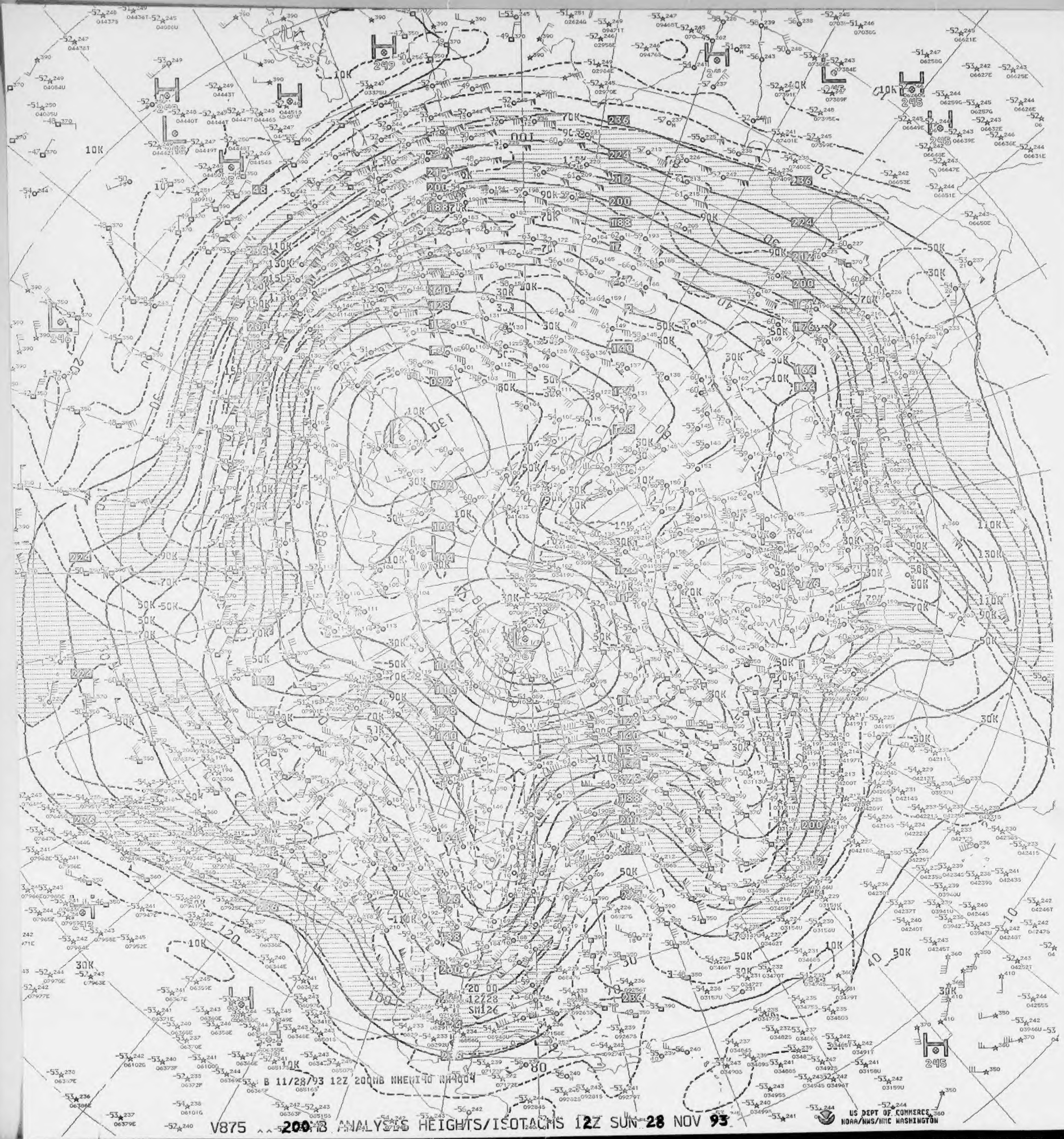
110K
SM126
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V825 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 28 NOV 93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130K
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176
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152
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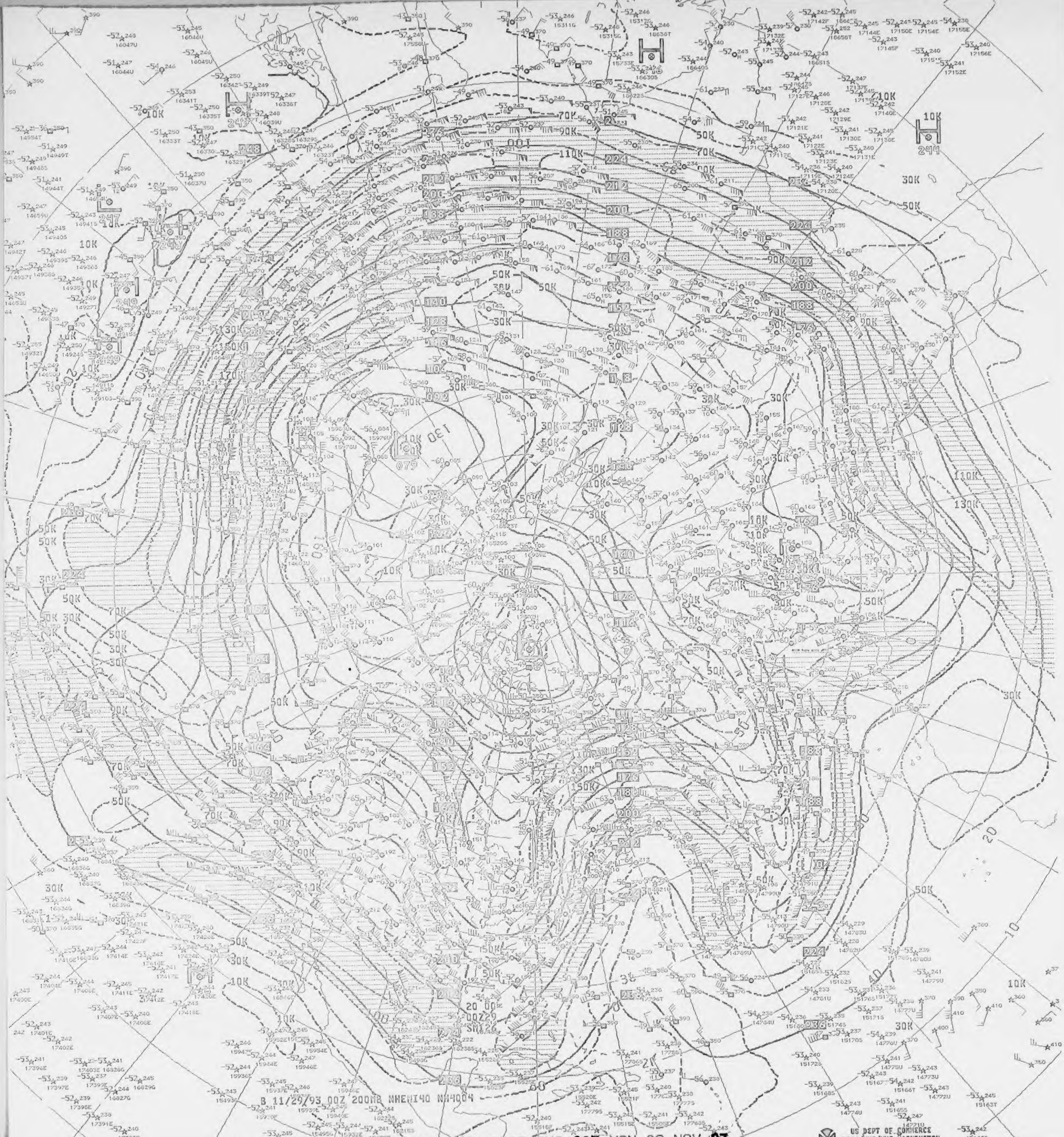
V875 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 28 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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90K
110K
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224
212
200
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176
164
152
140
128
116
104
092
079
236
244
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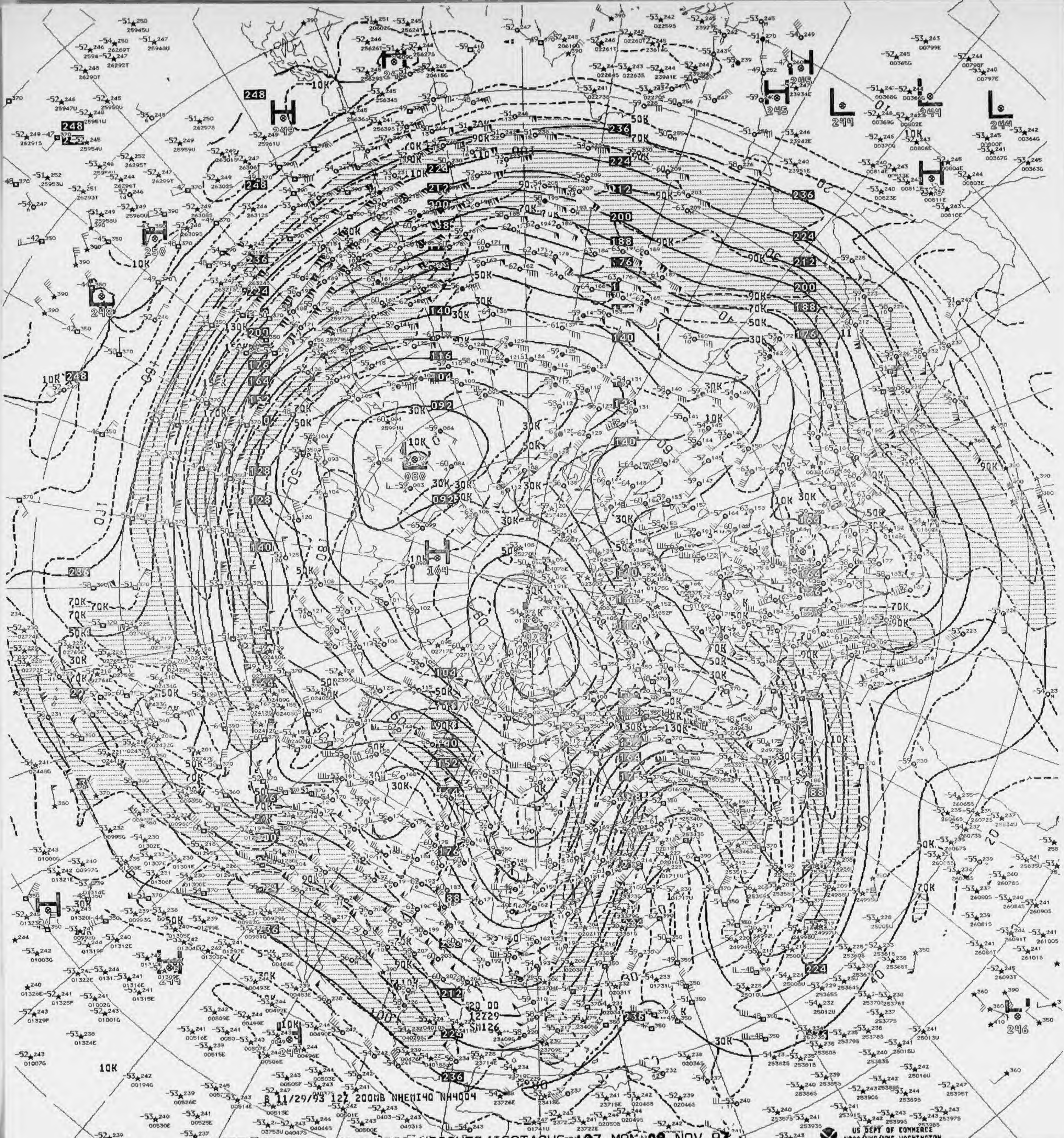
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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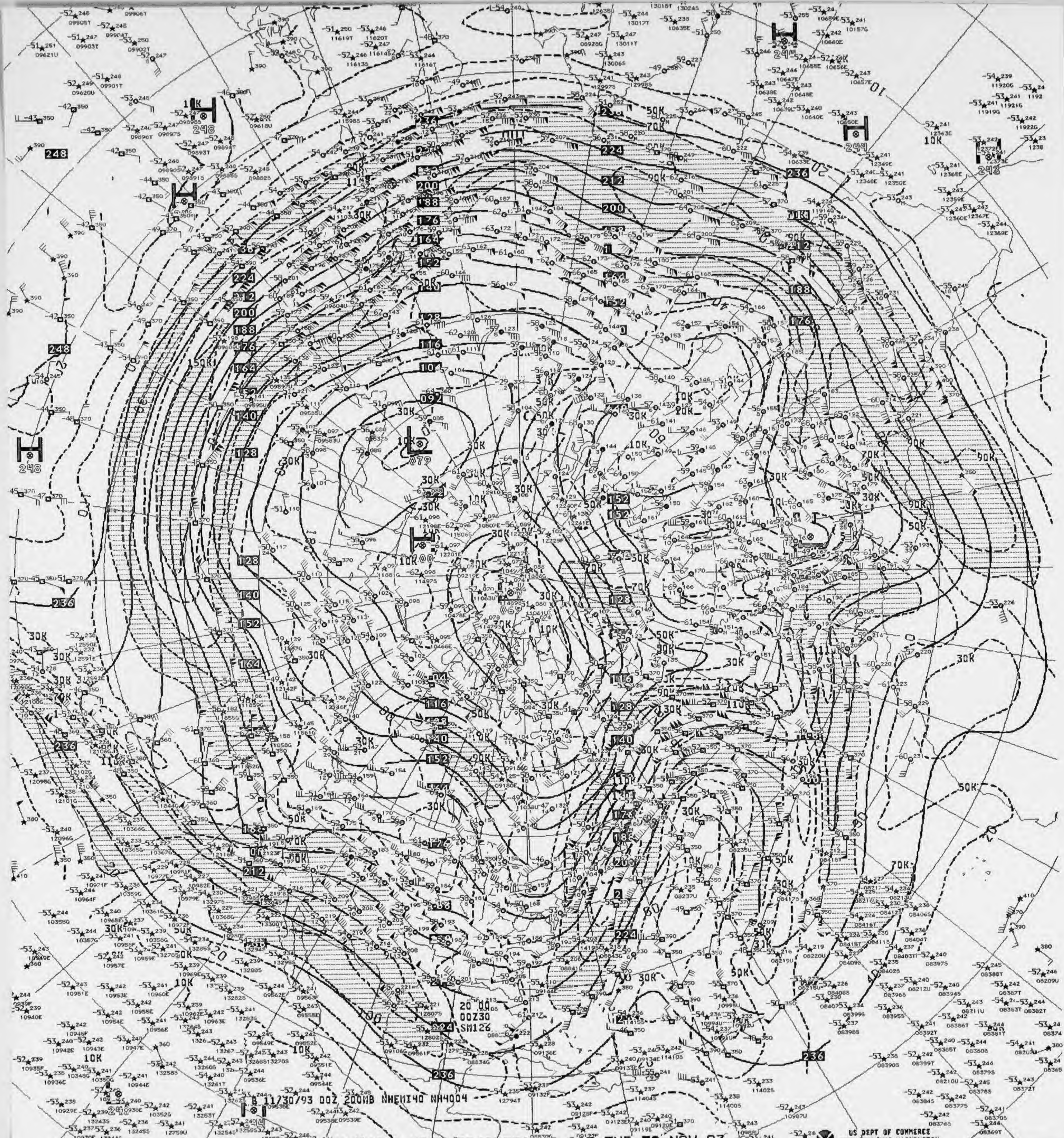

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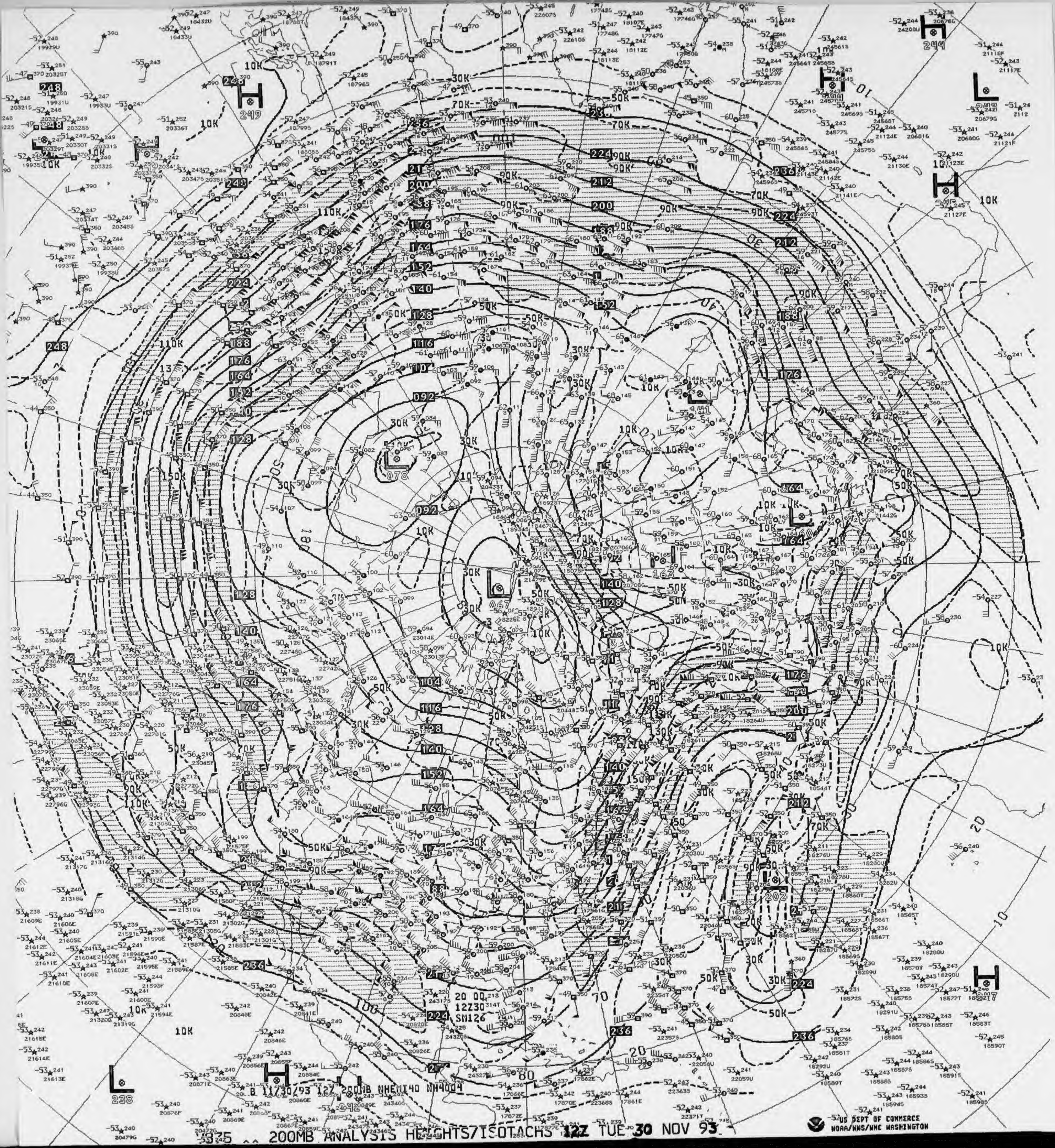
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 30 NOV 93



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20 00
12Z30
SM126

1375 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 30 NOV 93

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A Form 48 - 366A
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U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

100 MB CONSTANT PRESSURE CHARTS

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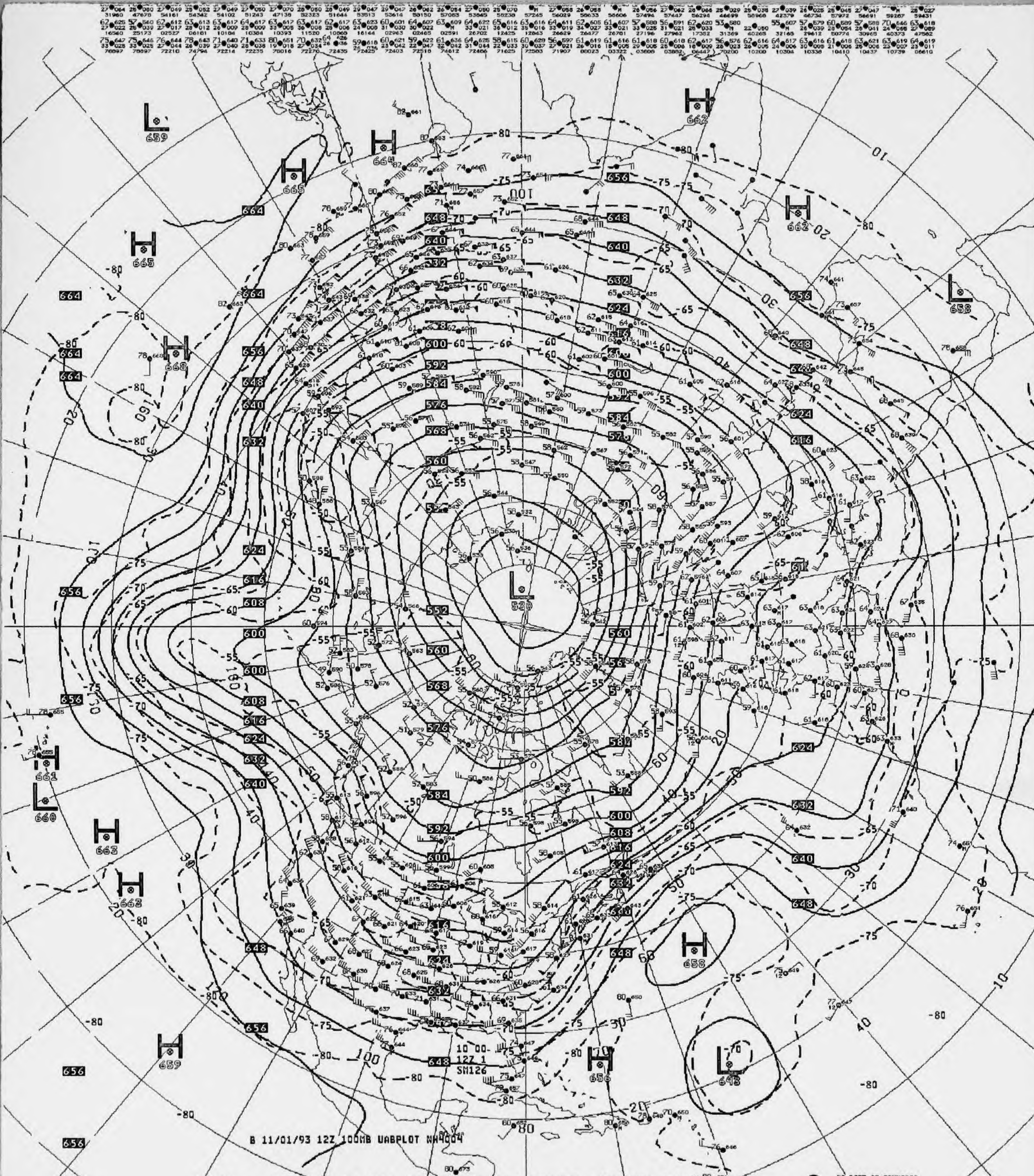
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L 659
H 662
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H 668
H 661
L 660
H 663
H 663
H 658
H 659
H 656
L 643
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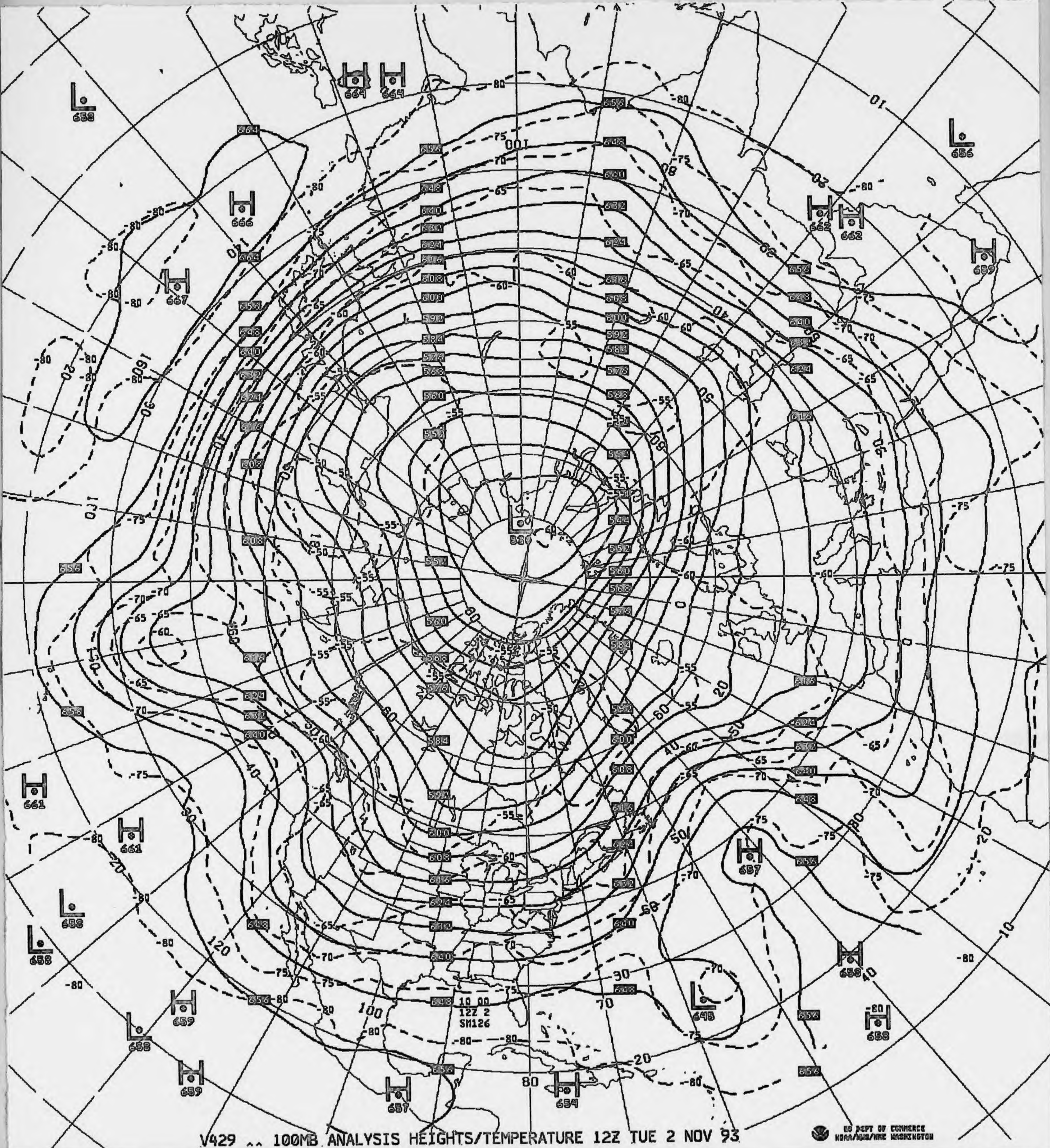
V429 ^^ 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 1 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 654
H 658
L 645
H 658
10 00
12Z 2
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-80
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-50
664
656
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640
632
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600
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568
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552
544
536
10
20
30
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90
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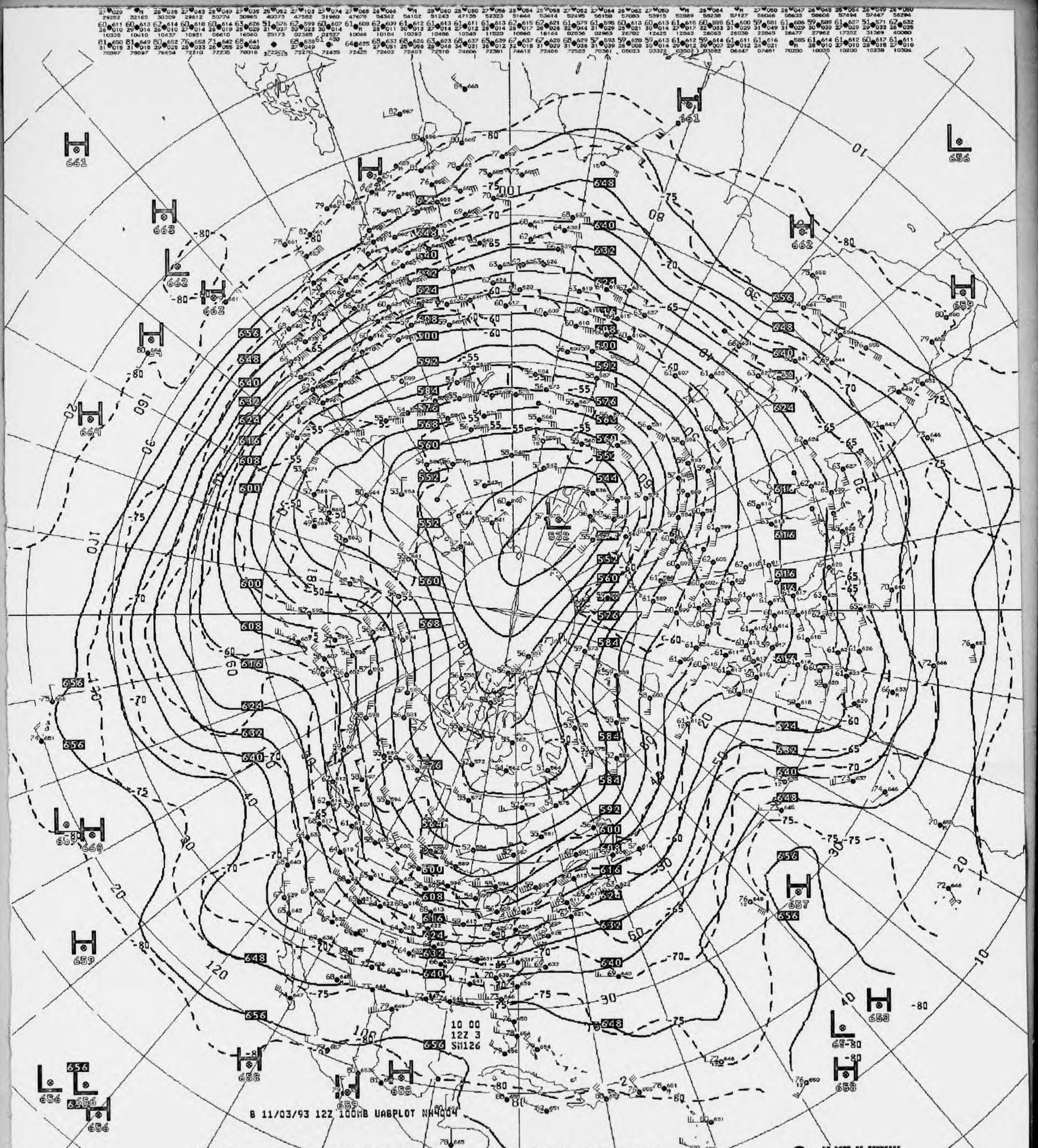
V429 ^^ 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 2 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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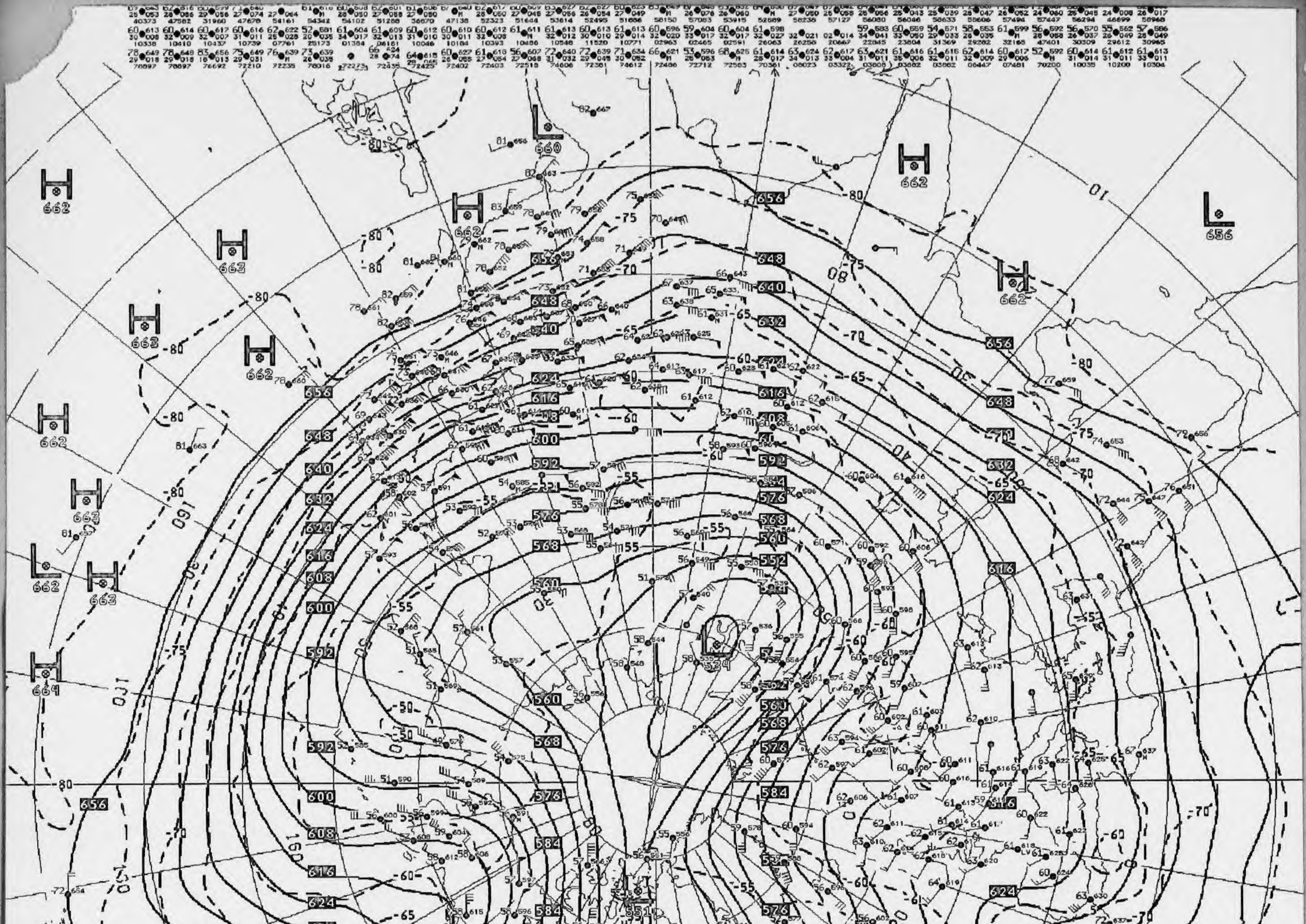
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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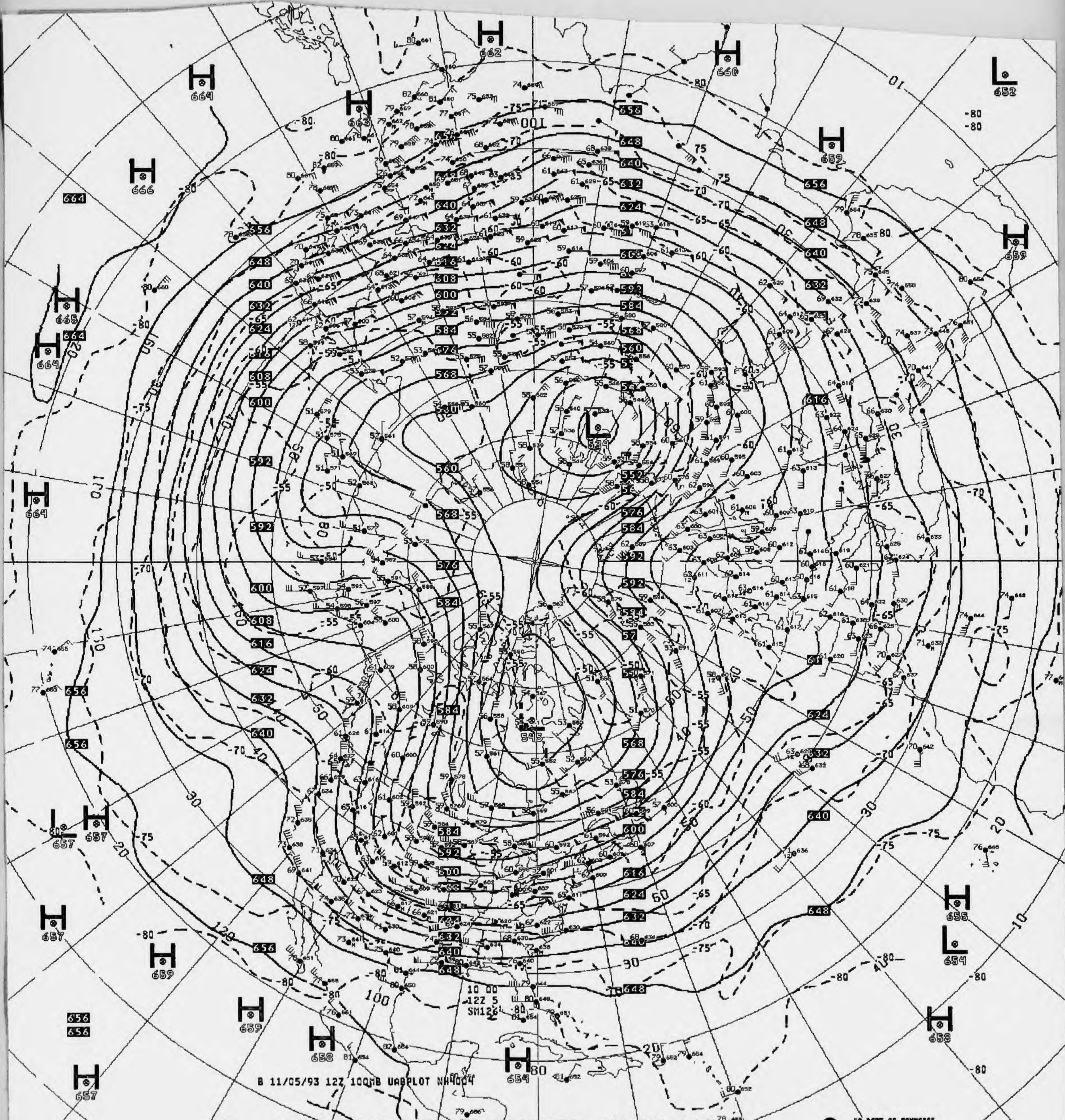
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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10 00
12Z 5
SM126
H 662
H 660
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H 664
H 663
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H 664
H 664
L 534
L 545
L 657
H 657
H 657
H 659
H 659
H 658
H 654
H 655
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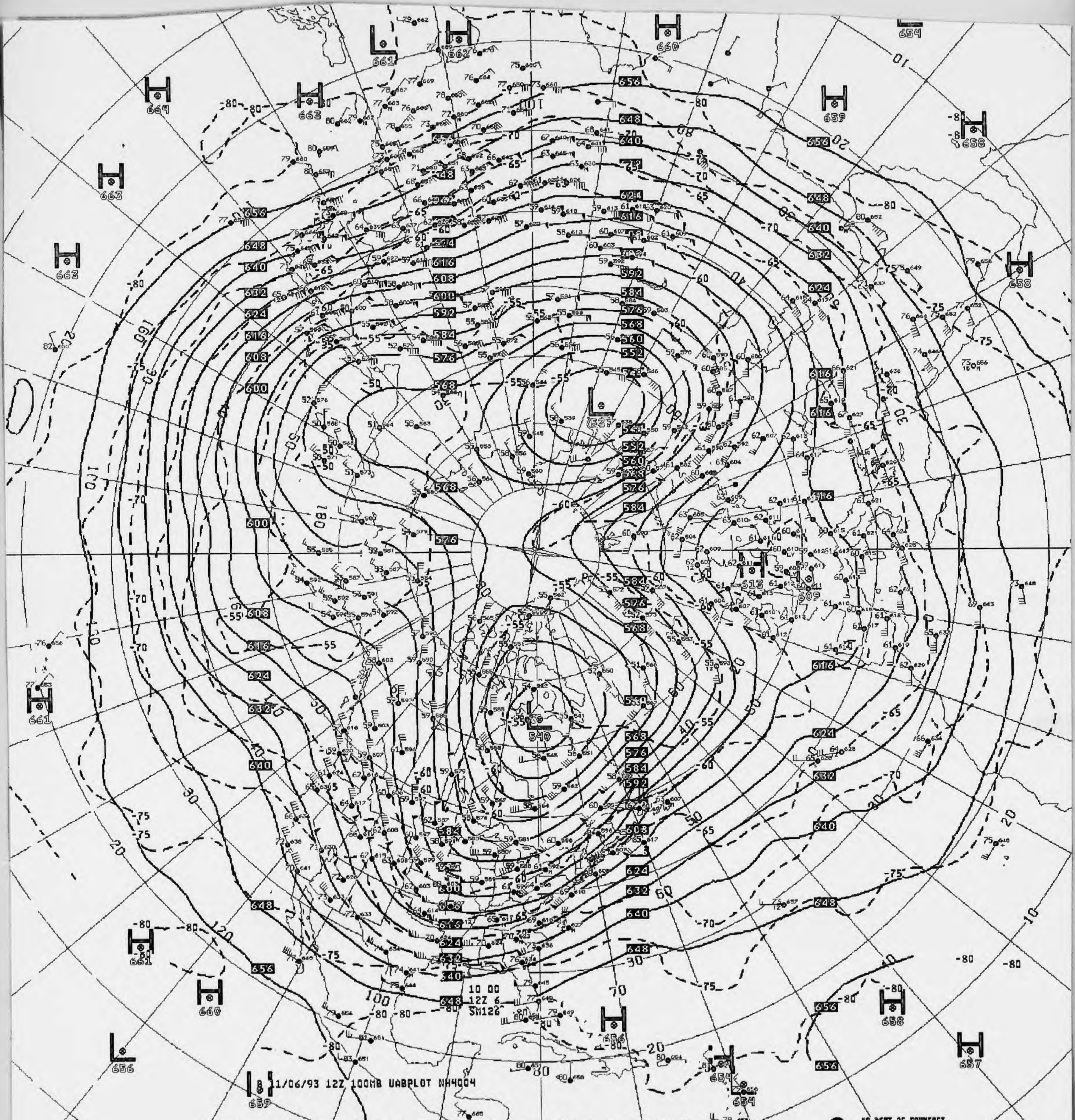
H 657

V429 ^^ 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 5 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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H 657
H 654
656
648
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584
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10 00
12Z 6
SM126
11/06/93 12Z 100MB UABPLOT NH4004

V429 ^^ 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 6 NOV 93

US DEPT OF COMMERCE
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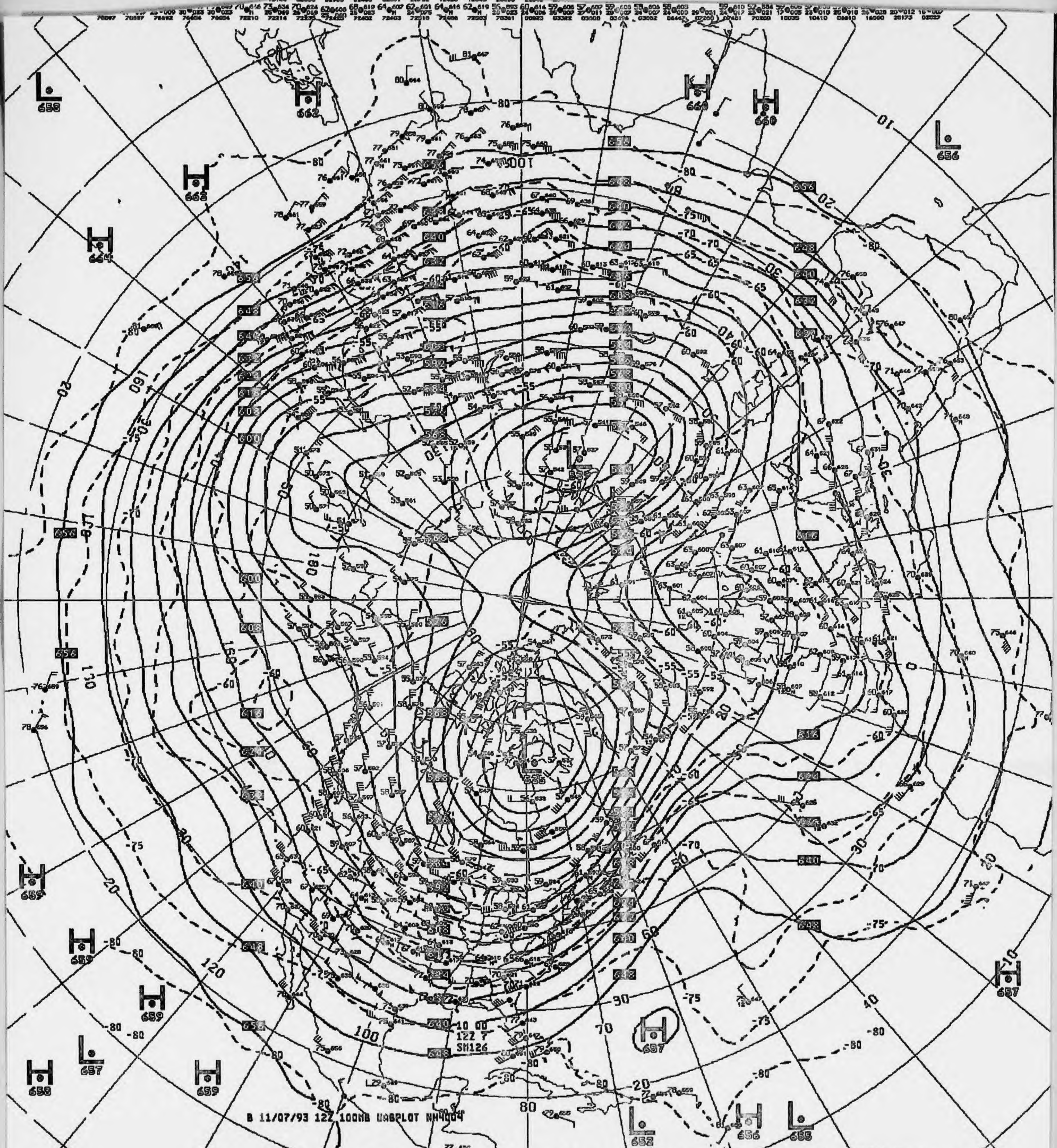
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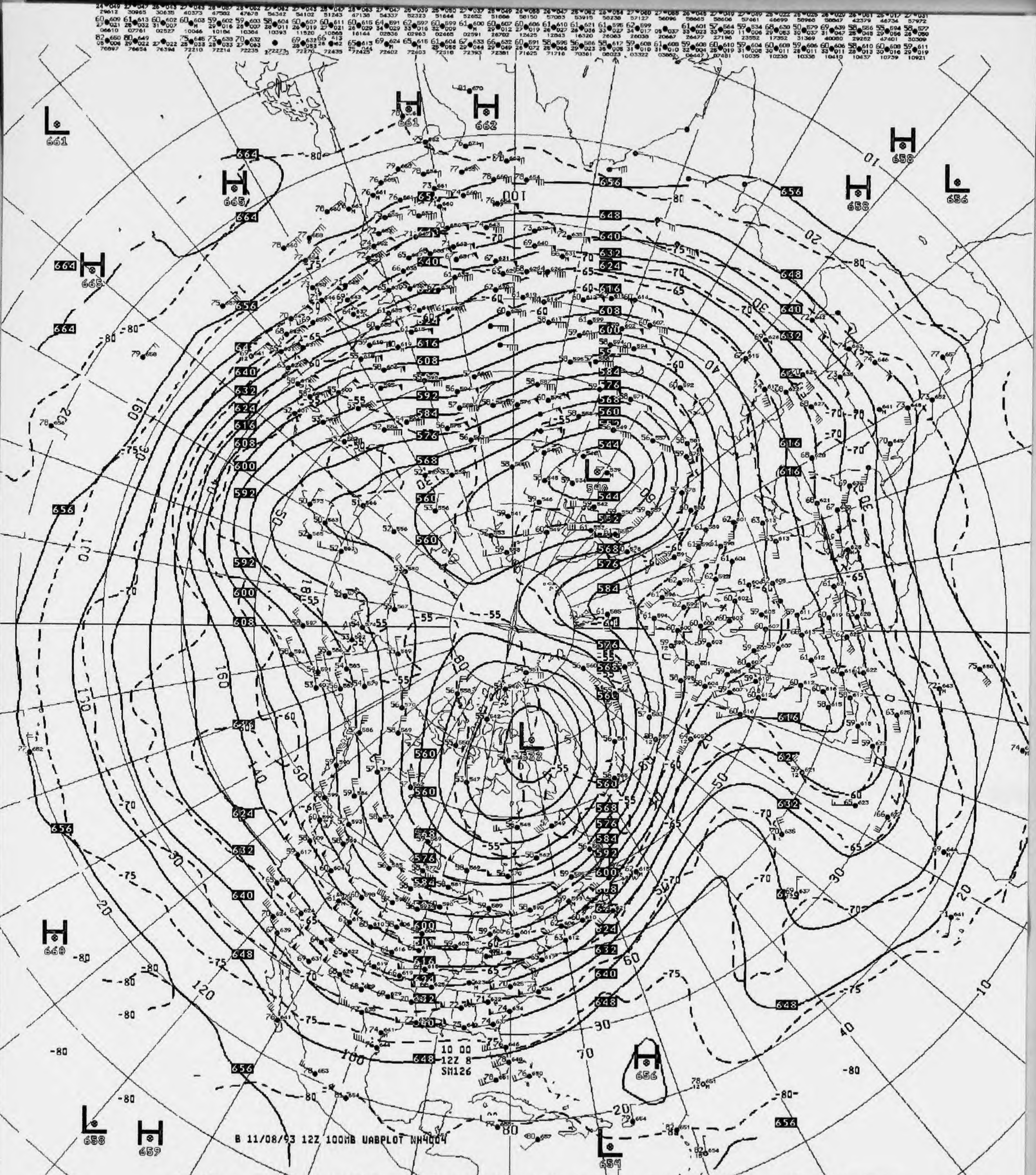
H 658
H 659
H 657
H 657
L 652
H 656
L 655
10 00
12Z 7
SM126
B 11/07/93 12Z 100MB UABPLOT NH4004

V429 ^^ 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 7 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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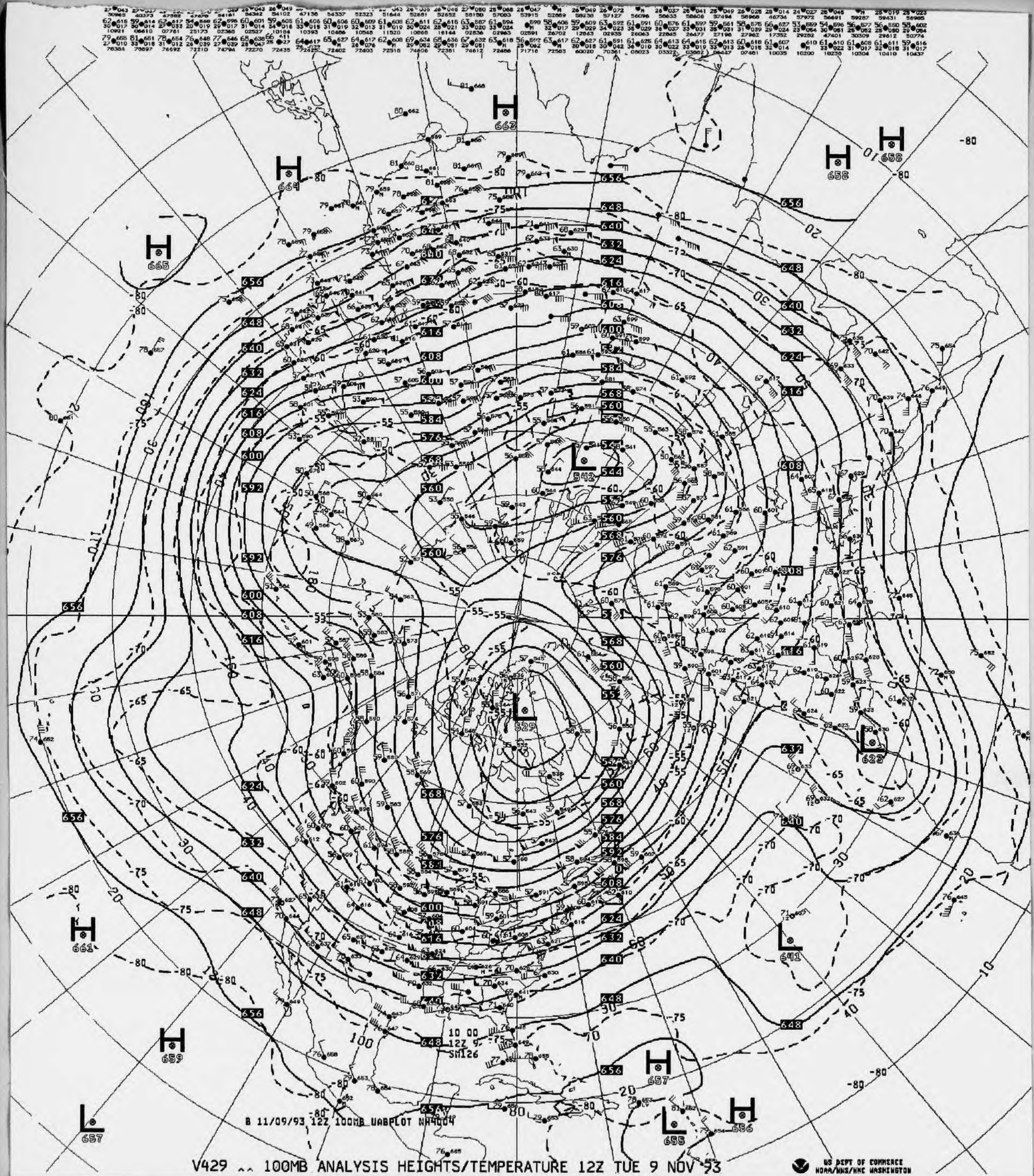
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 662
H 664
H 665
H 658
H 658
L 542
L 529
L 622
H 661
H 659
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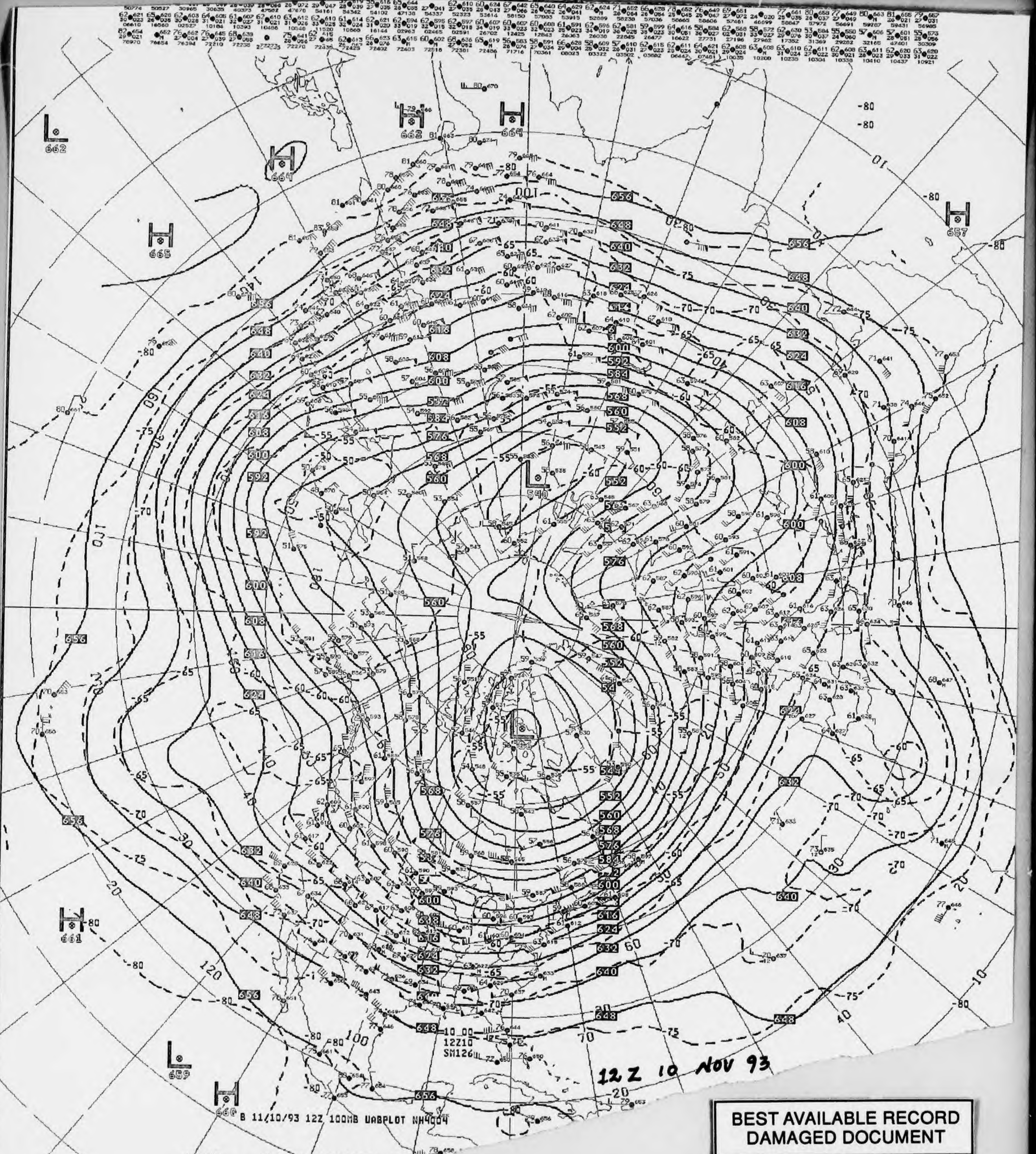
L 657
L 655
H 656
10 00
12Z 9.
SM126
B 11/09/93 12Z 100MB UAPLOT NH4004

V429 ^^ 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 9 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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H 664
H 665
H 657
L 540
H 661
L 659
H 660
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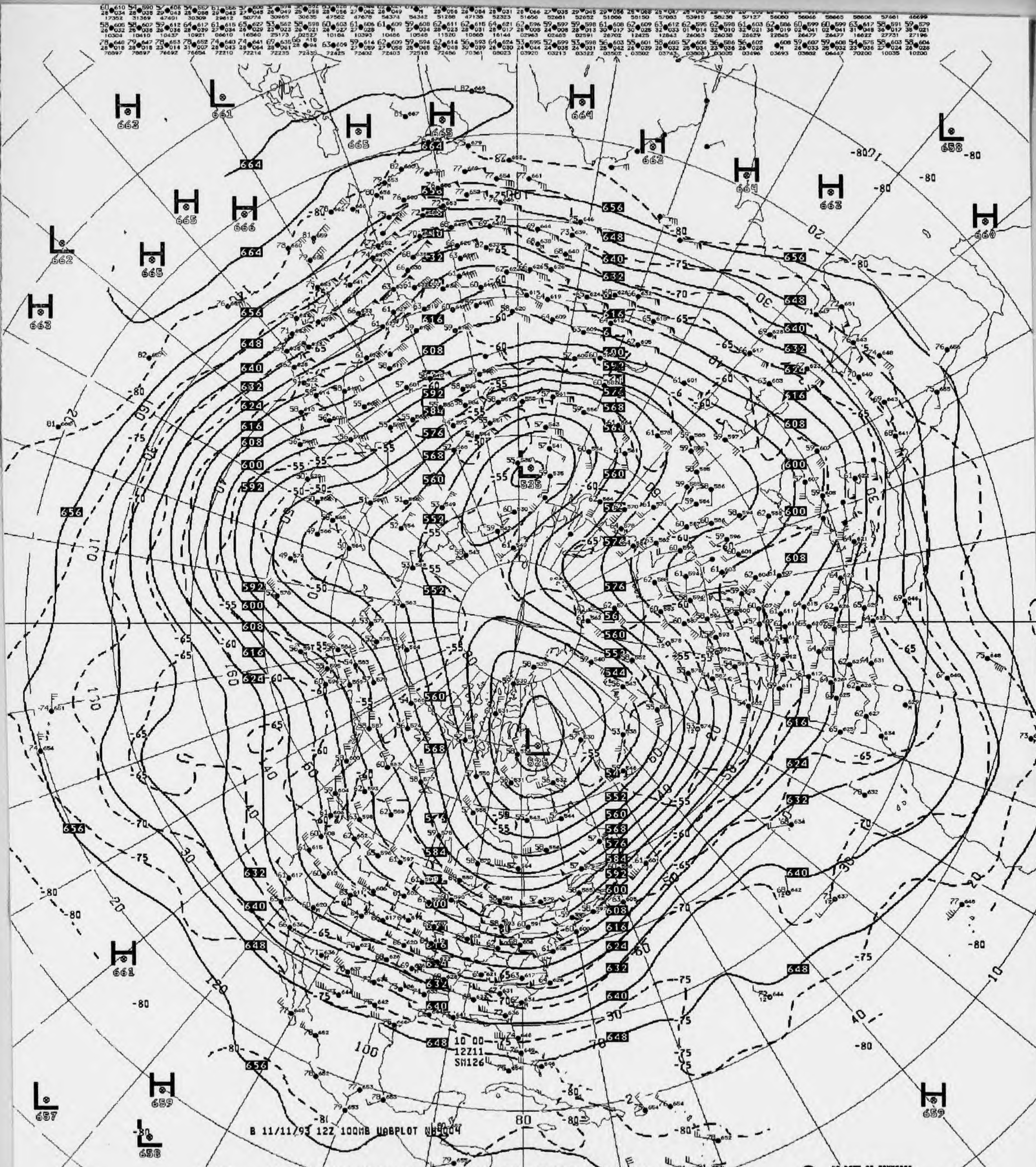
12Z10
SM126
B 11/10/93 12Z 100MB UABPLOT NH4004

12 Z 10 NOV 93

V429 ^^ 100MB ANALYSIS HE

BEST AVAILABLE RECORD
DAMAGED DOCUMENT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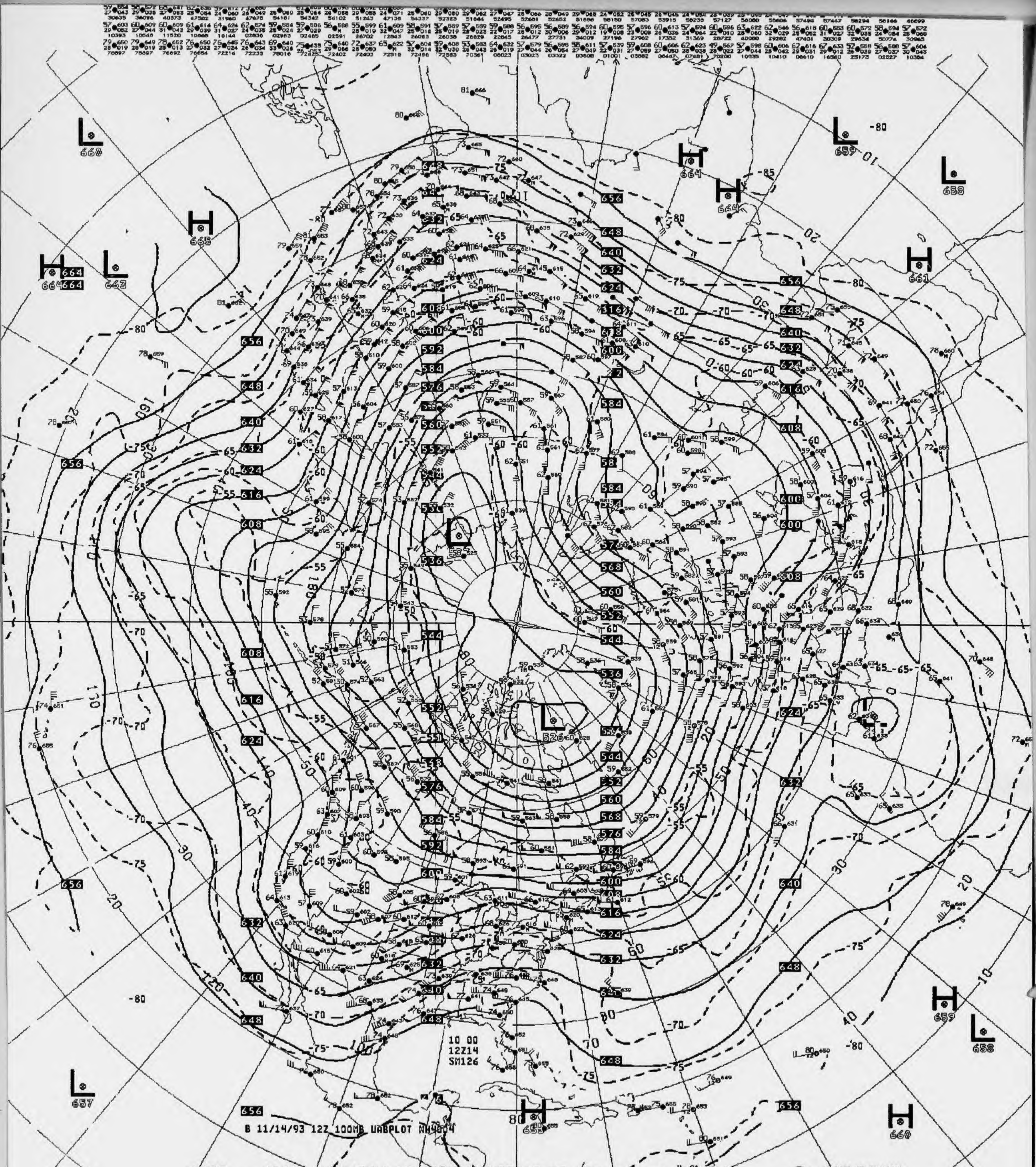
V429 .. 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 11 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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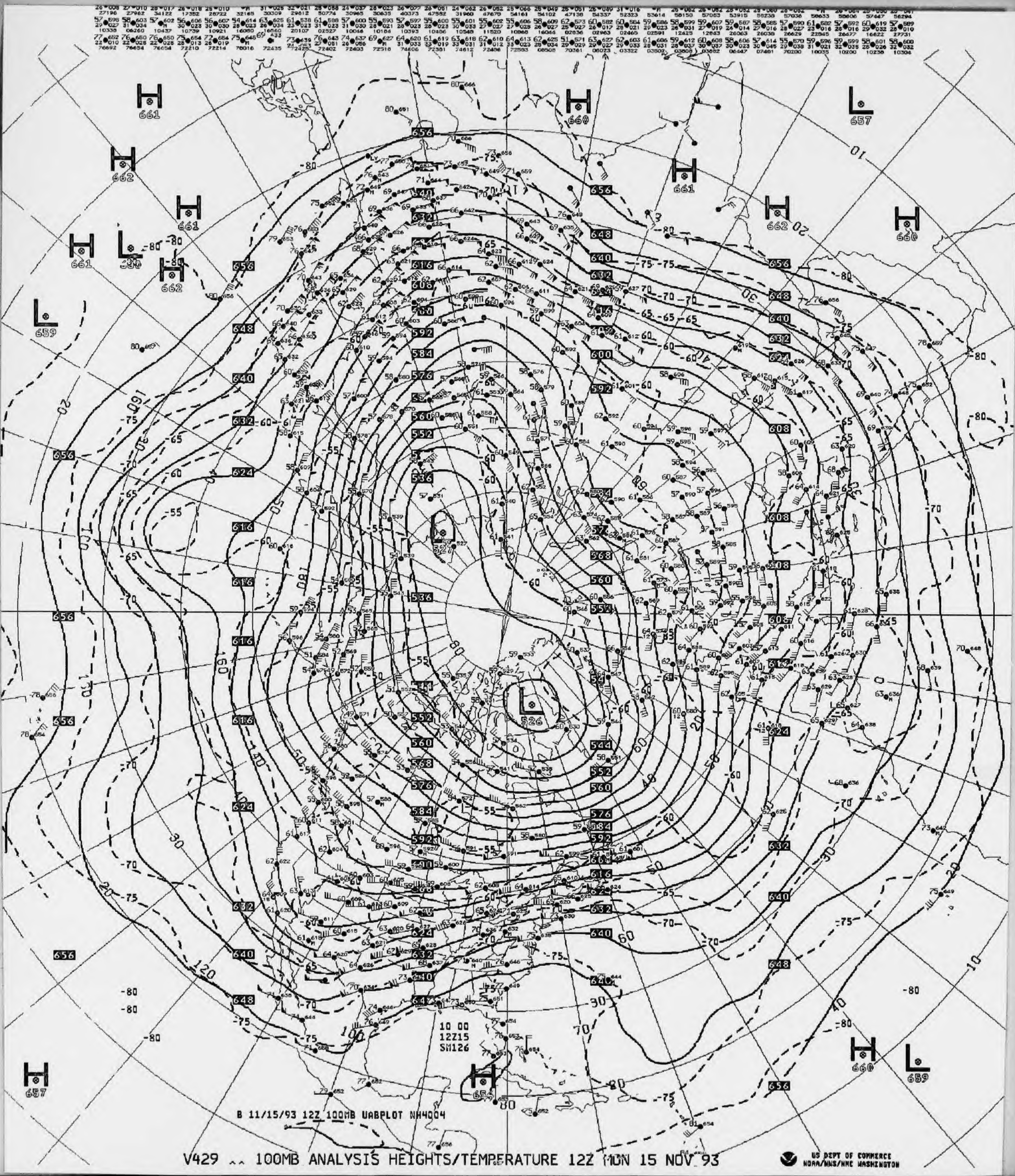
12Z14
SM126
B 11/14/93 12Z 100MB UABPLOT NH4004

V429 ^^ 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 14 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 657
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H 660
L 659
10 00
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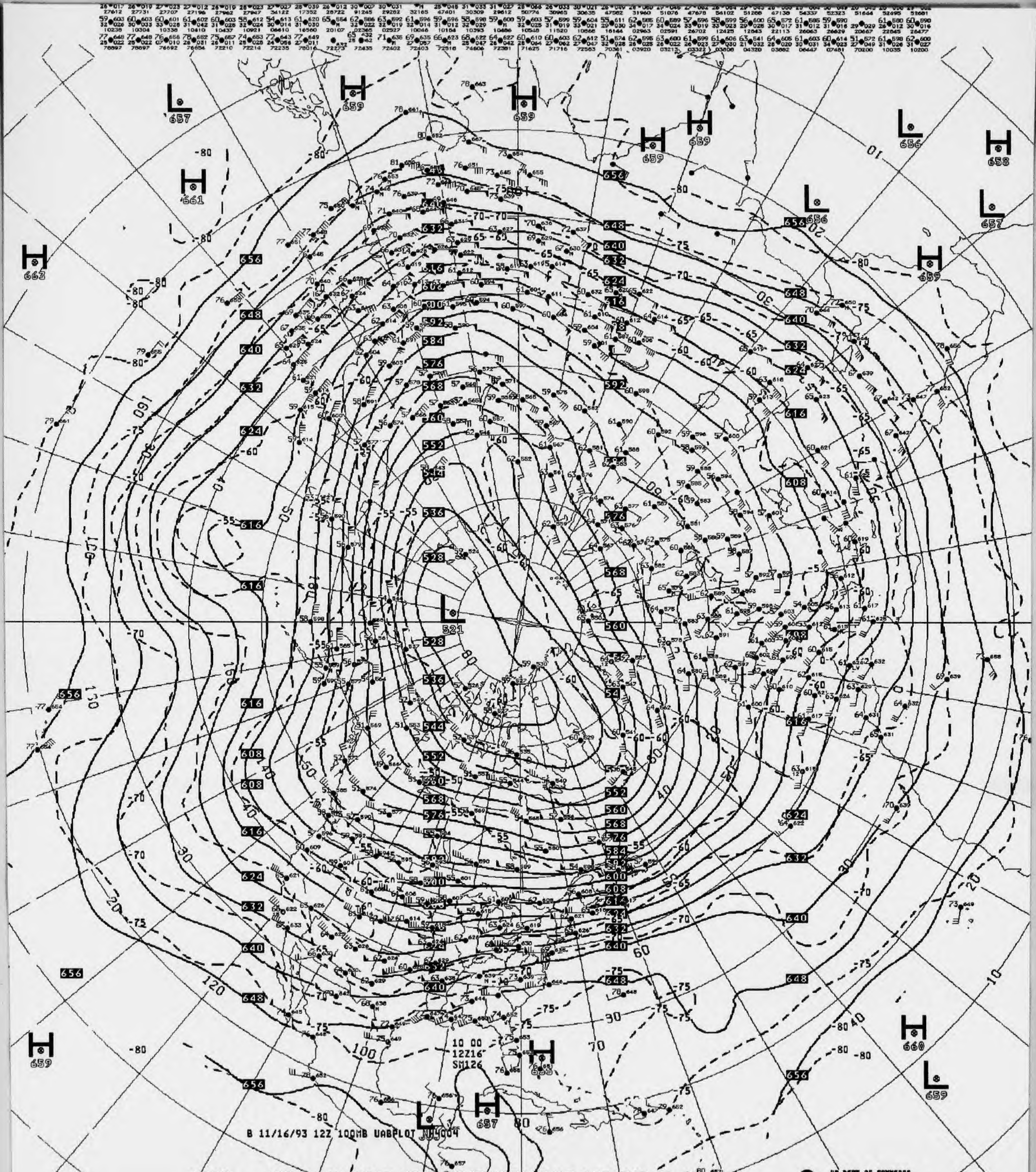
SM126
B 11/15/93 12Z 100MB UABPLOT NH4004

V429 .. 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 15 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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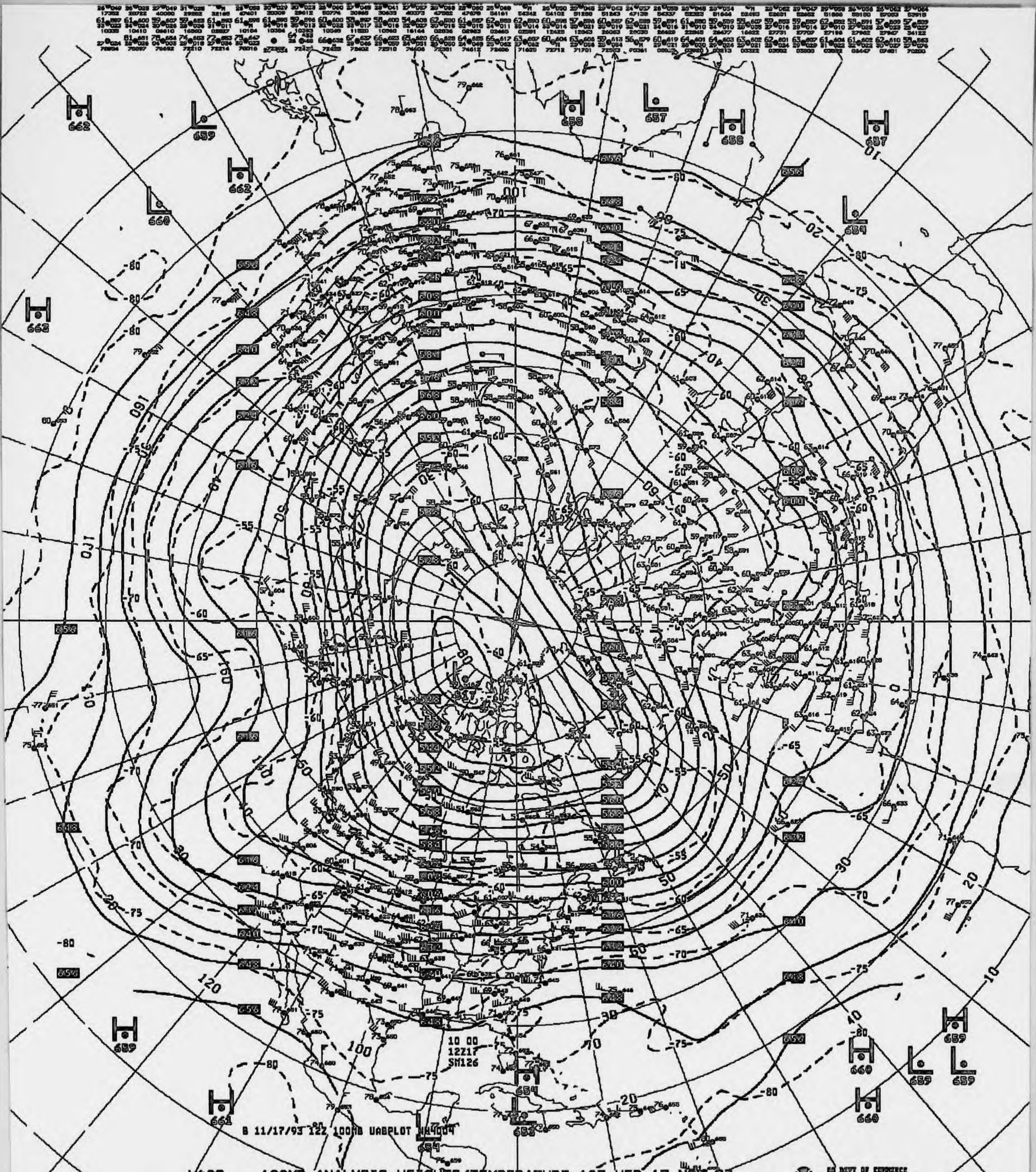
V429 ^^ 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 16 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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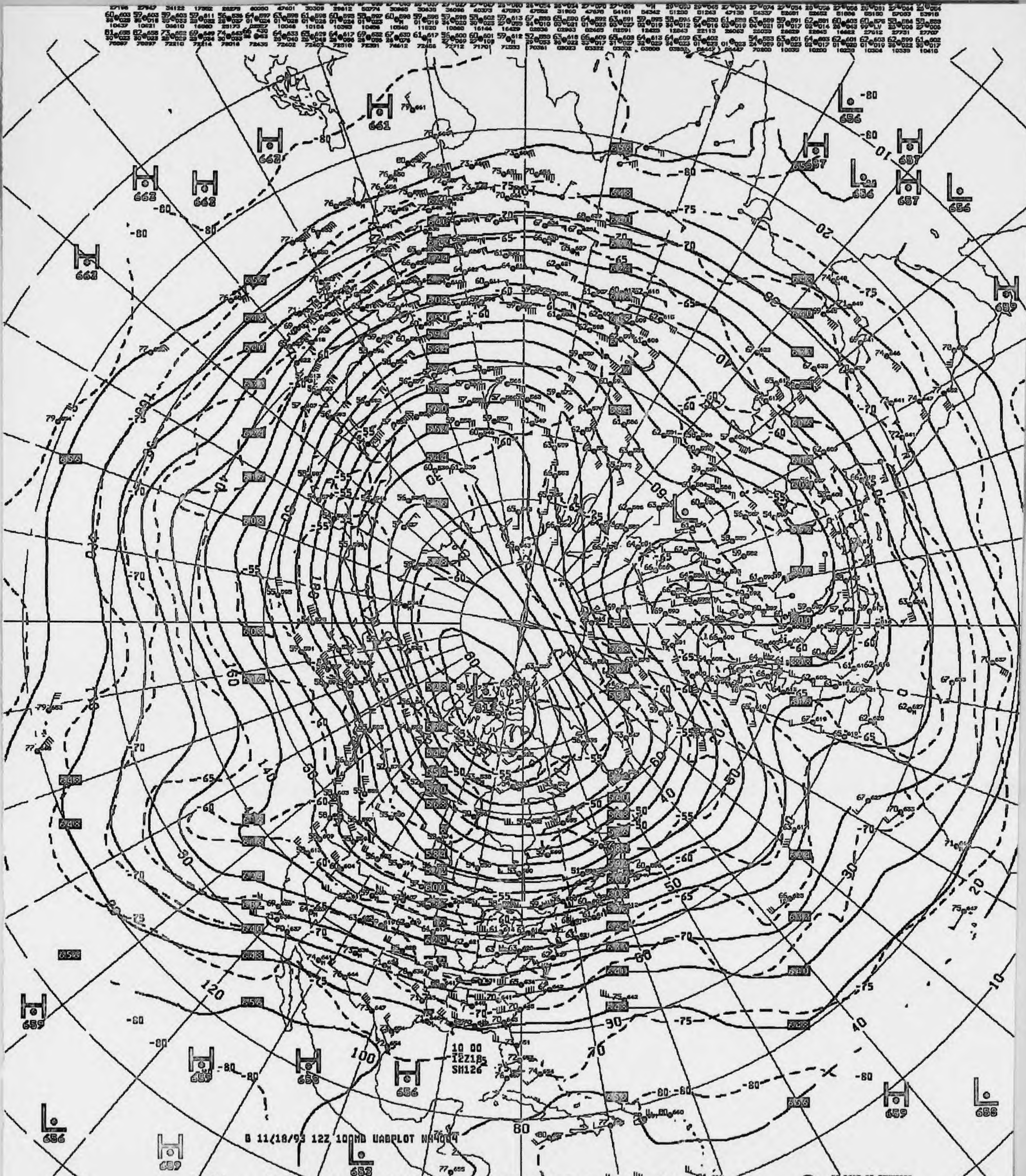
H 659
10 00
12Z17
SM126
B 11/17/93 12Z 100MB UABPLOT NA4004

V429 .. 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 17 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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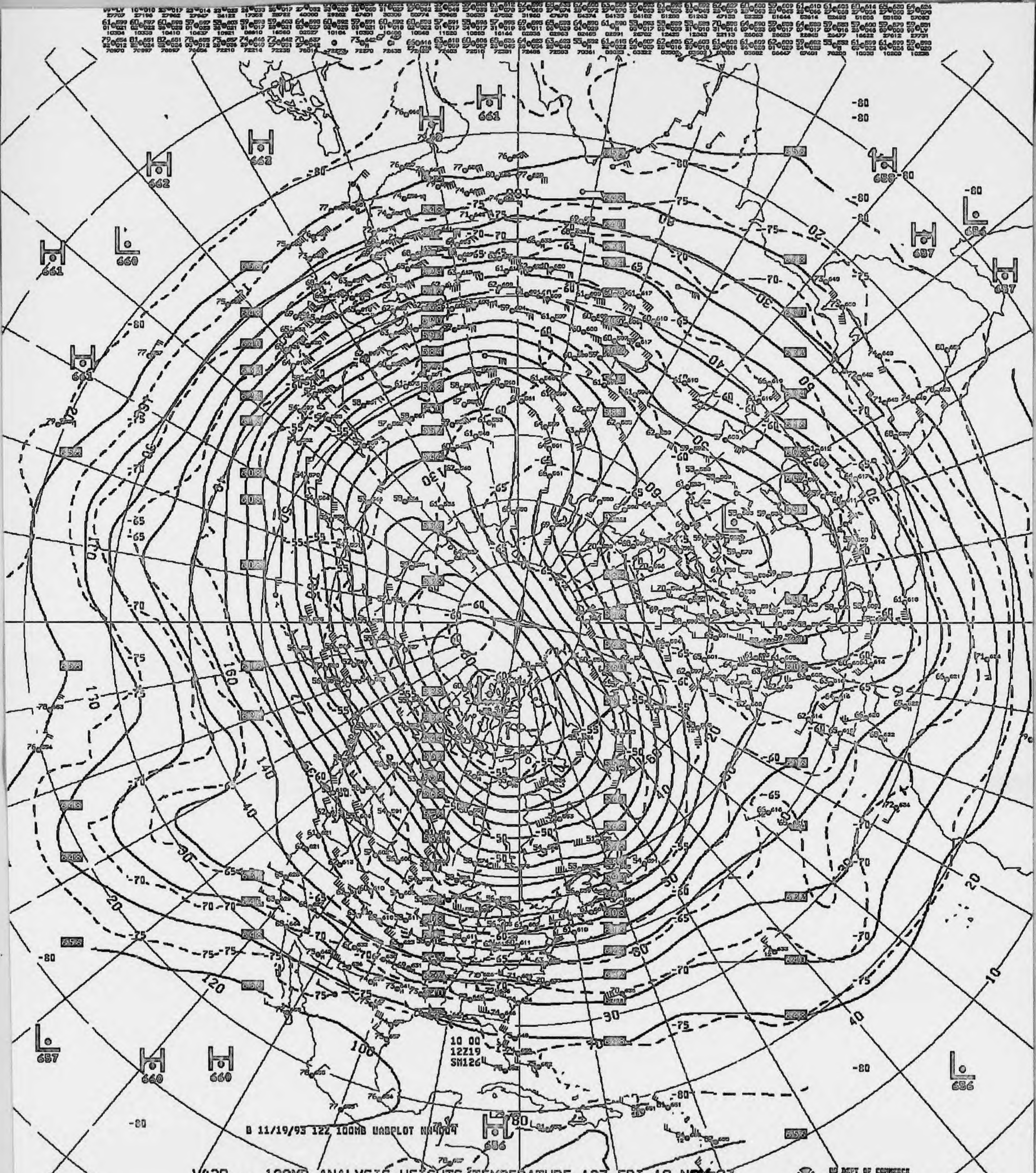
V429 .. 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 18 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 662
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H 697
L 657
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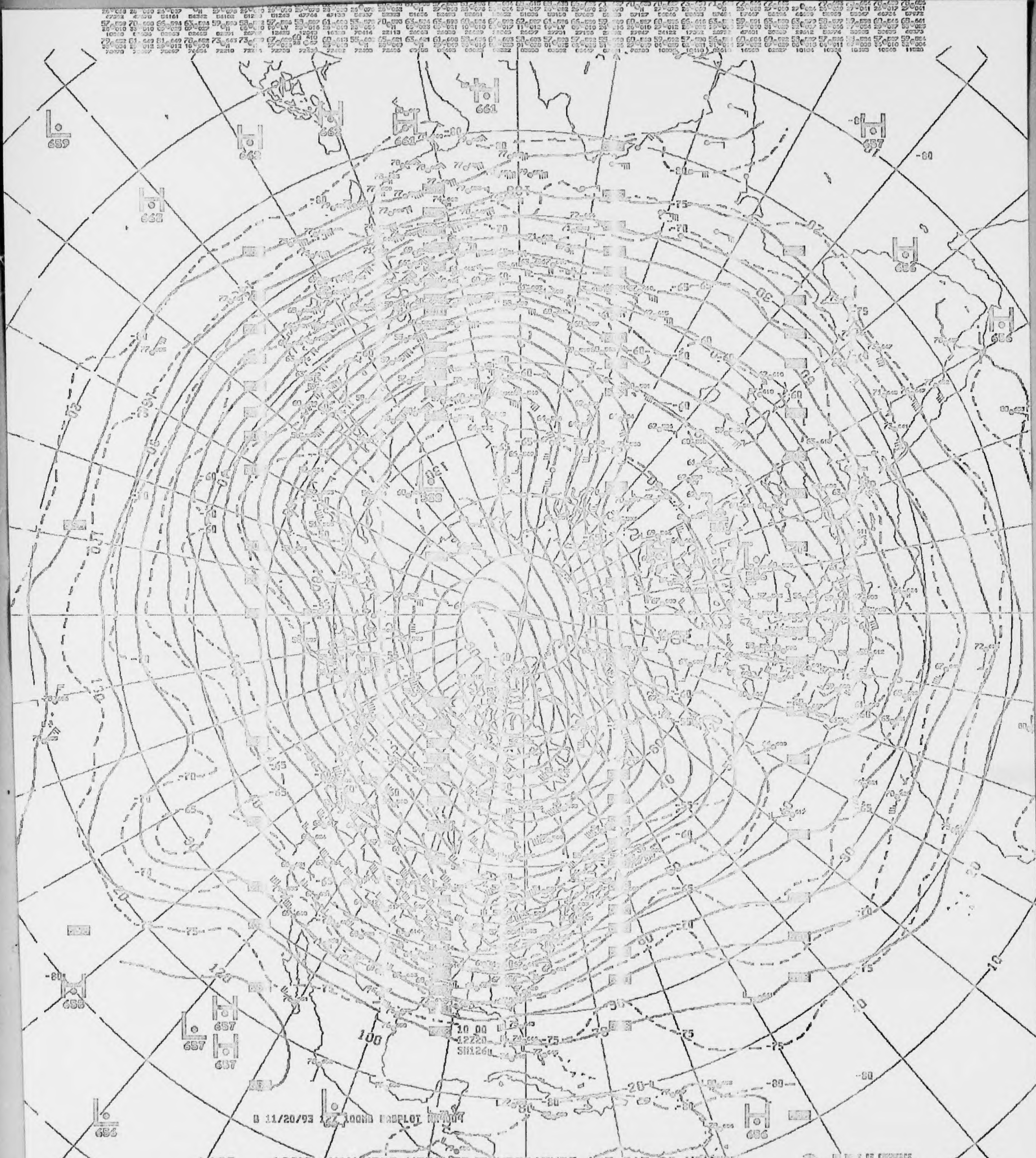
H 660
H 686
L 686
10 00
12Z19
SM126
B 11/19/93 12Z 100MB UABPLOT NH4004

V429 ^^ 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 19 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


659
662
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668
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686
656
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120
100
10 00
12Z20
SH126
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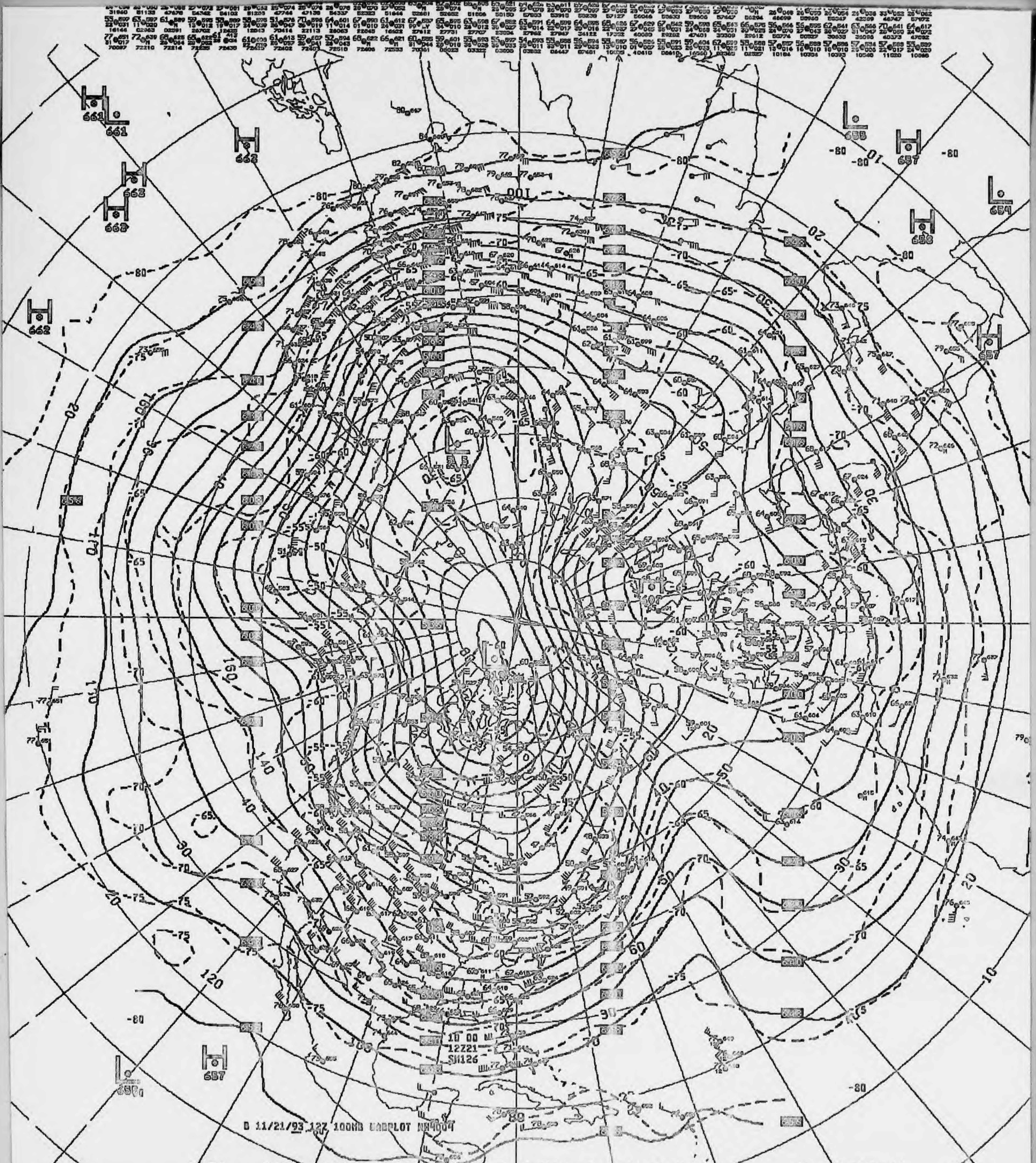
V429 ^^ 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 20 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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SH126
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-80
-75
-70
-65
-60
-55
-50
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20
30
40
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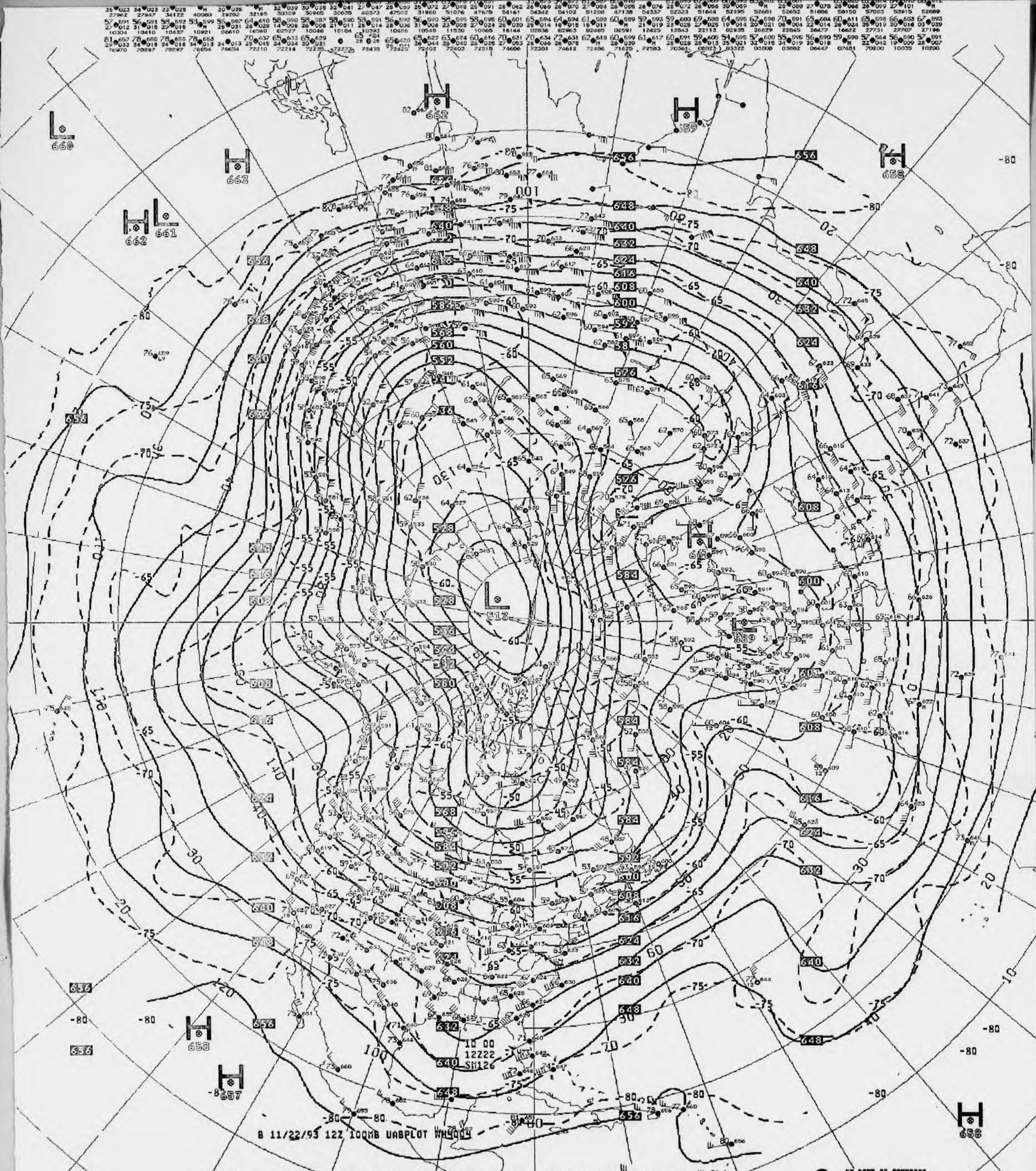
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V429 .. 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 21 NOV 93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SM126
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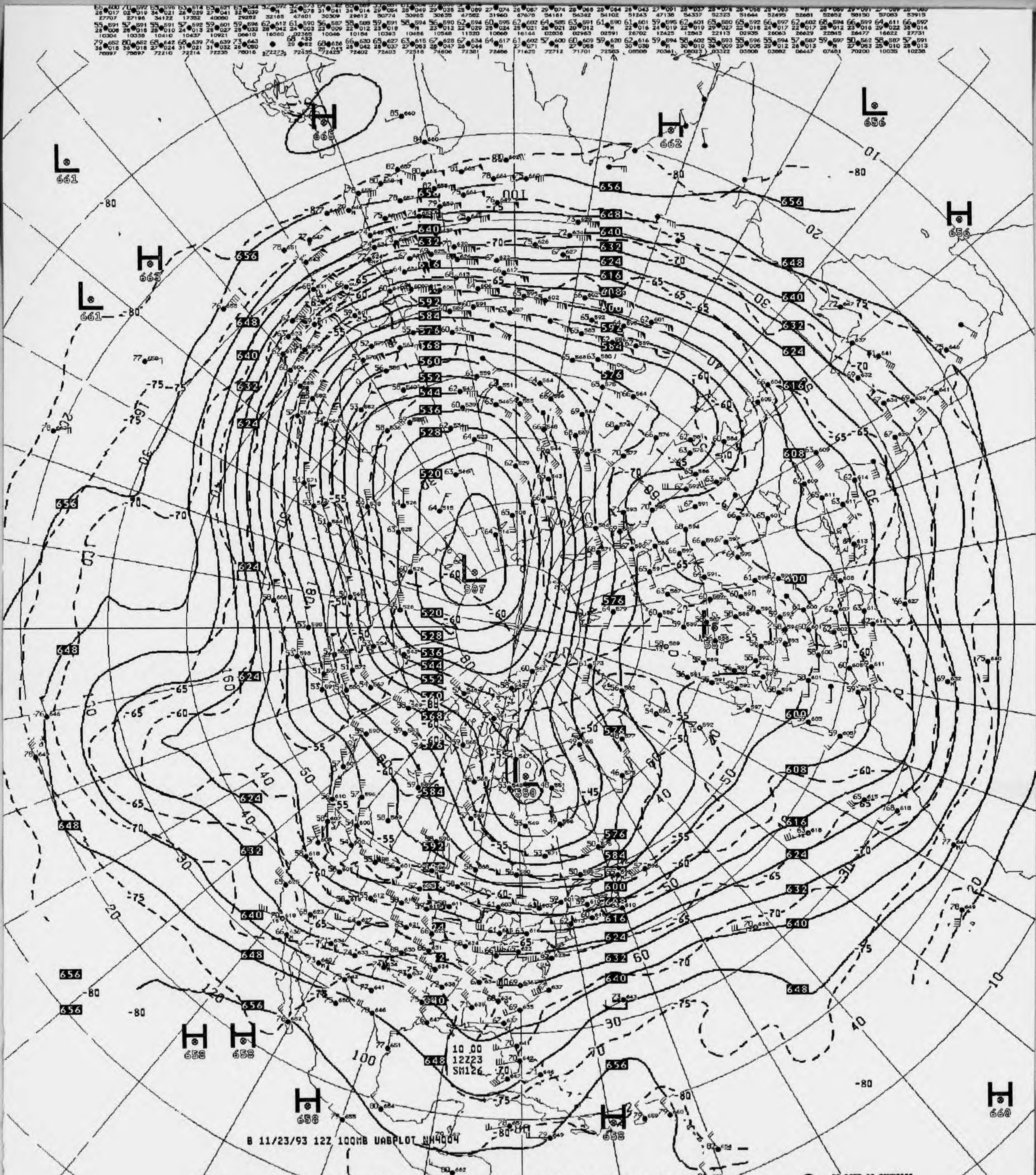
V429 .. 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 22 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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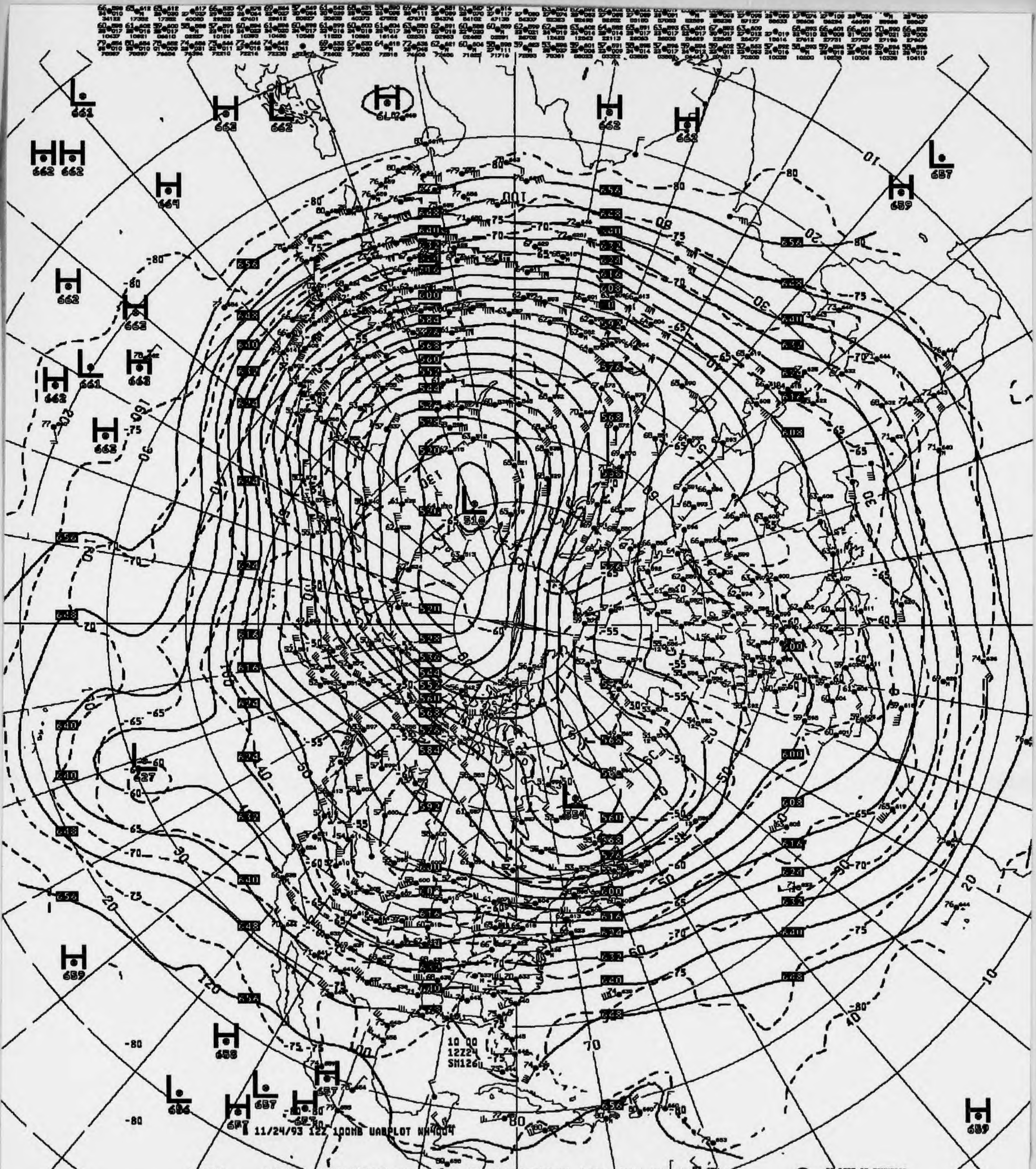
V429 .. 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 23 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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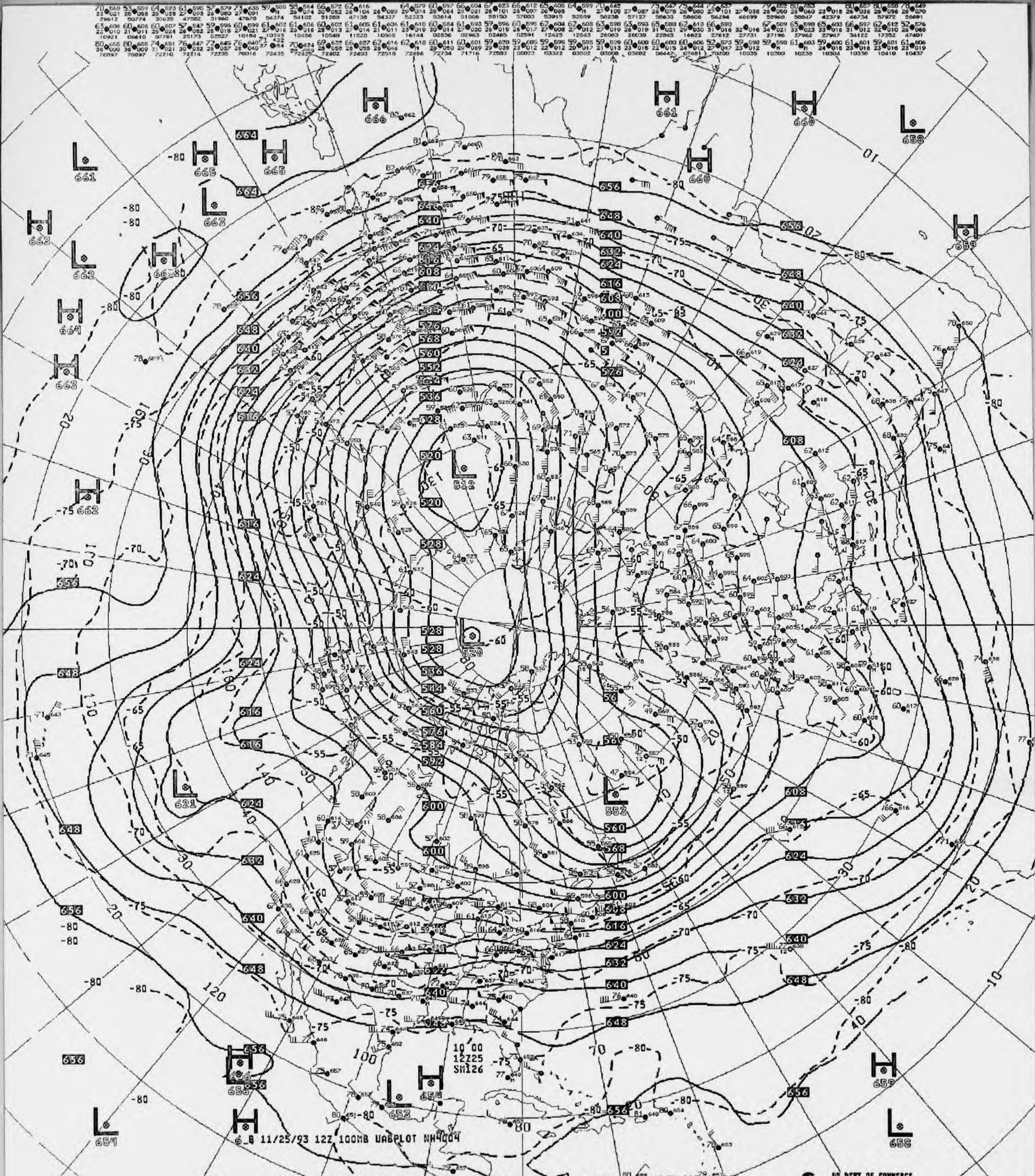
V429 .. 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 24 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


6_8 11/25/93 12Z 100MB UABPLOT NH4004
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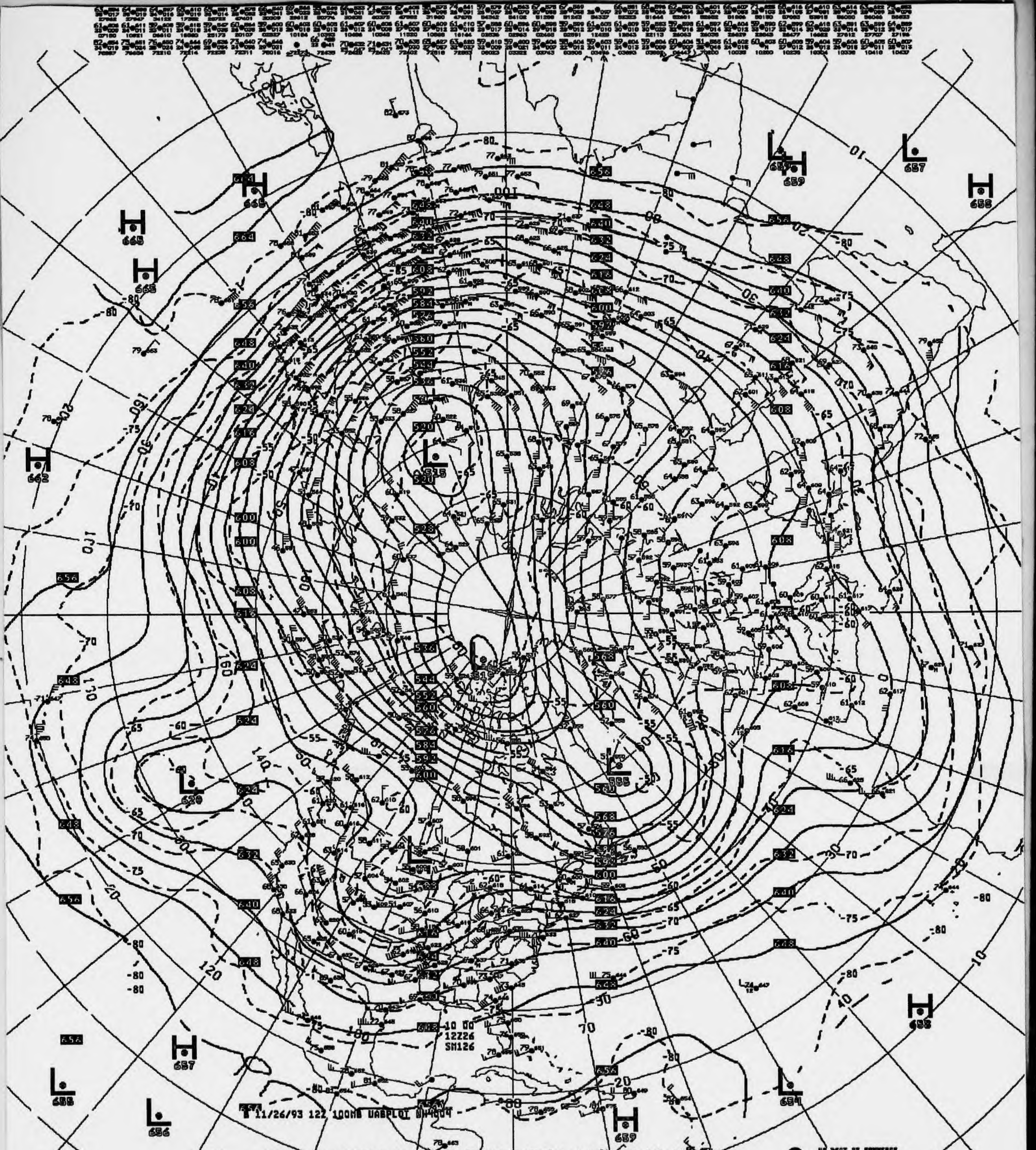
12Z25
SM126
H
L
512
520
553
621

V429 .. 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 25 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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12Z26
SM126
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H 665
H 665
H 665
H 662
H 659
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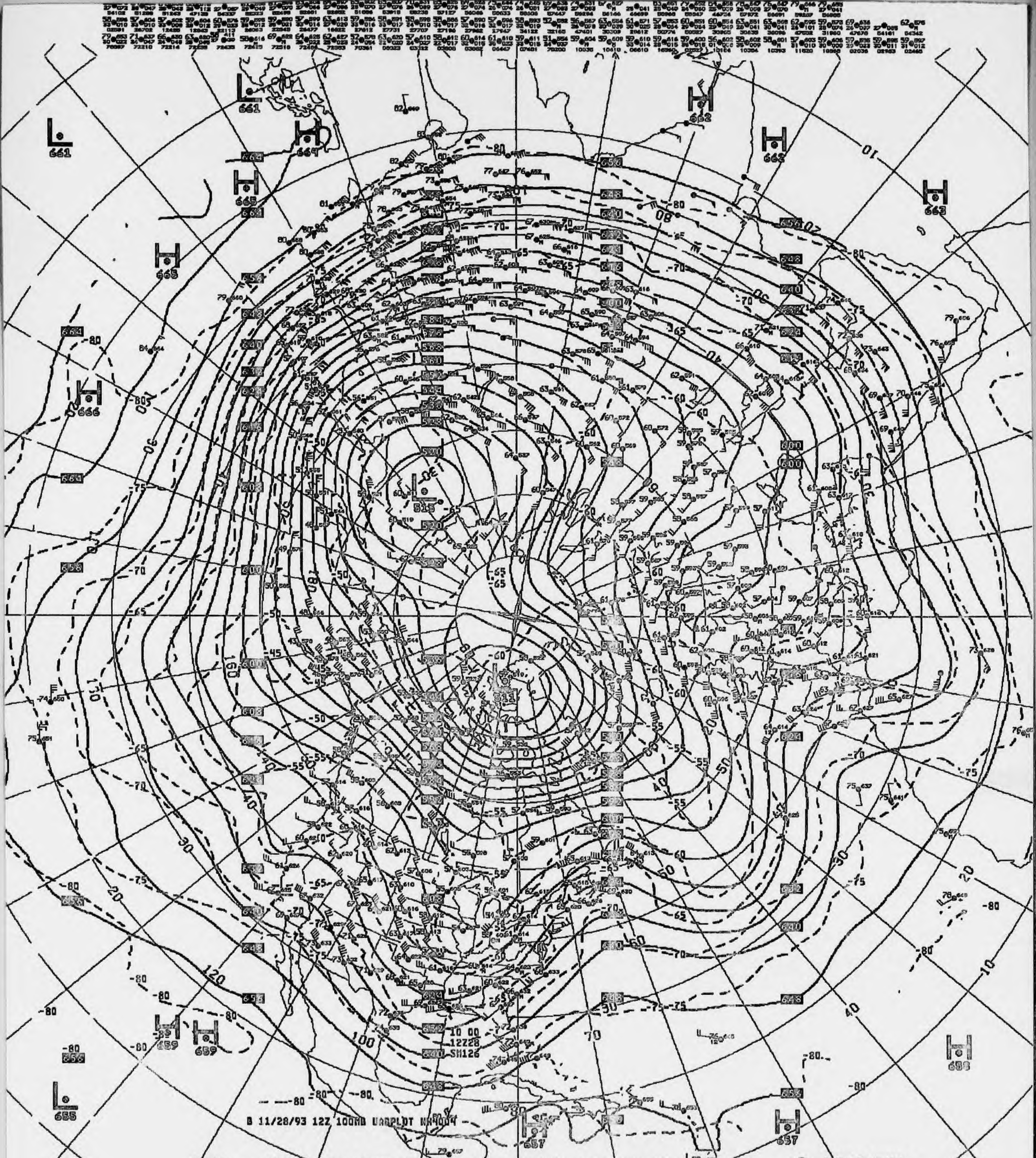
H 658
H 657
H 659
L 657
L 659
L 656
L 654
L 515
L 519
L 555
L 620

V429 ^^ 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 26 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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SH126
L
661
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515
L
511
L
655
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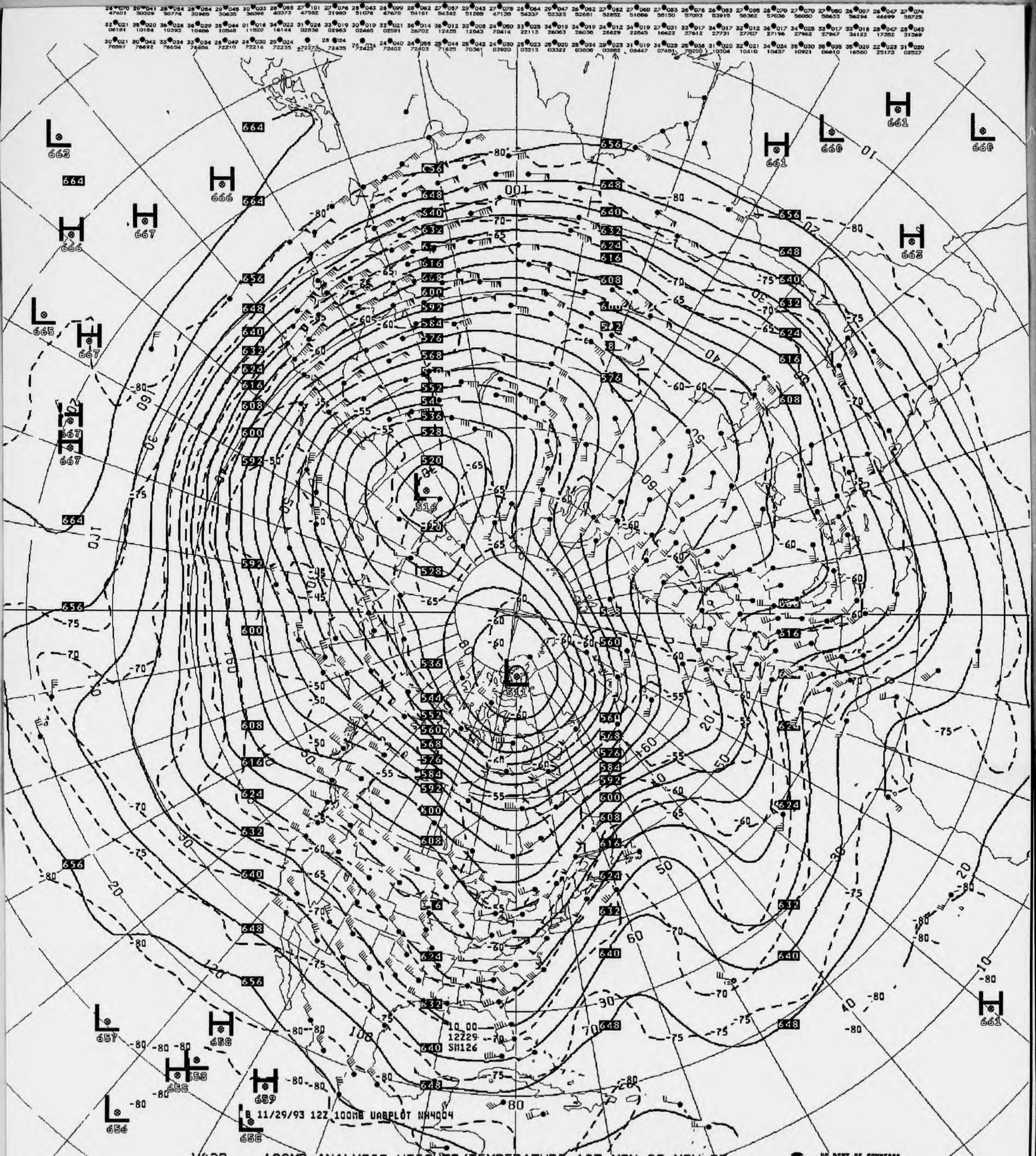
665
H
666
H
668
H
663
H
657
H
659

V429 ^^ 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 28 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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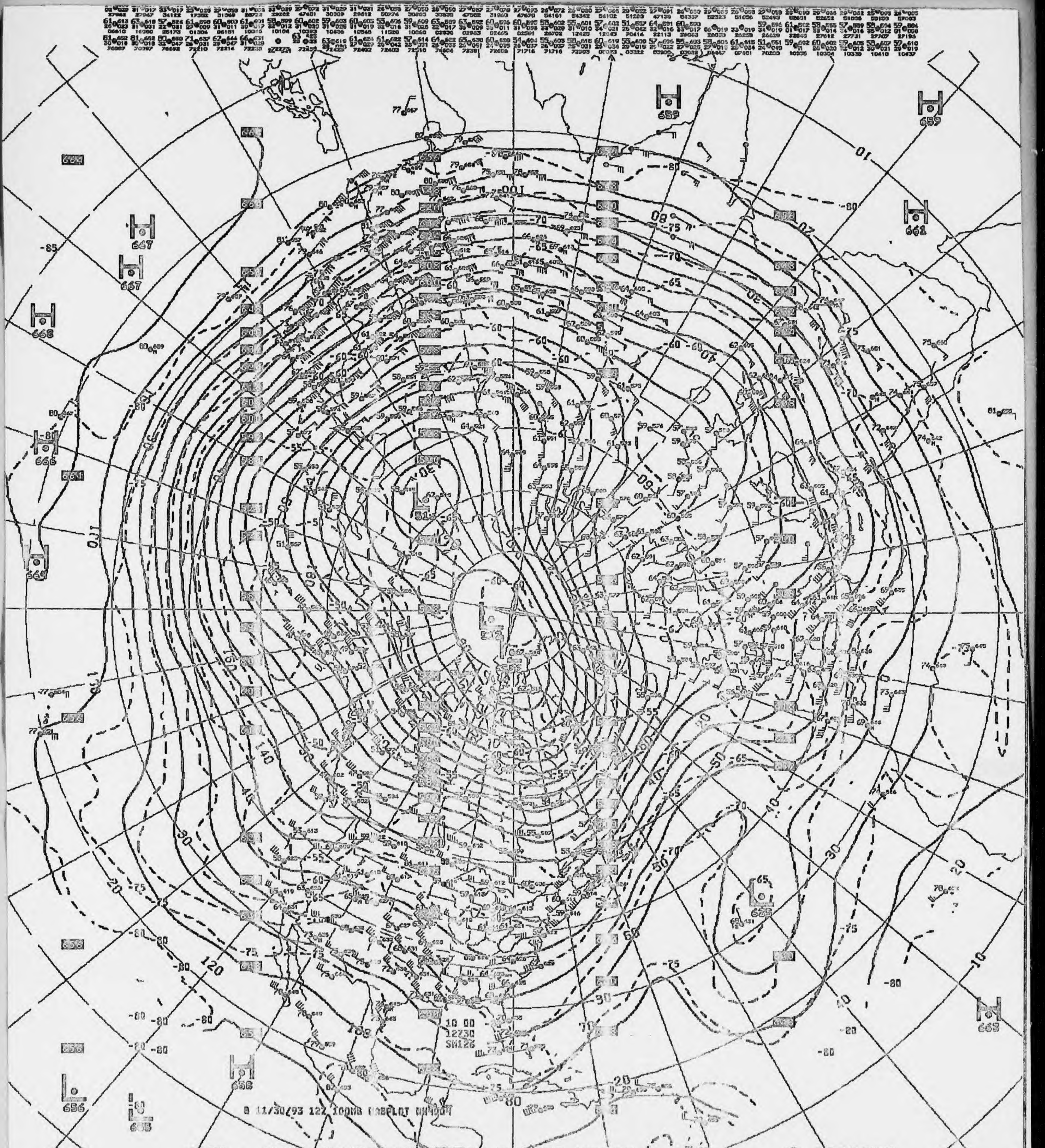
SM126
B 11/29/93 12Z 100MB UABPLOT NH4004

V429 ^^ 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 29 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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12730
SH126
H 659
H 661
H 667
H 668
H 666
H 664
H 663
H 656
L 656
L 655
L 625
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-75
-70
-65
-60
-55
-50
10
20
30
40
80
110
120
140

V429 .. 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 30 NOV 93

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON

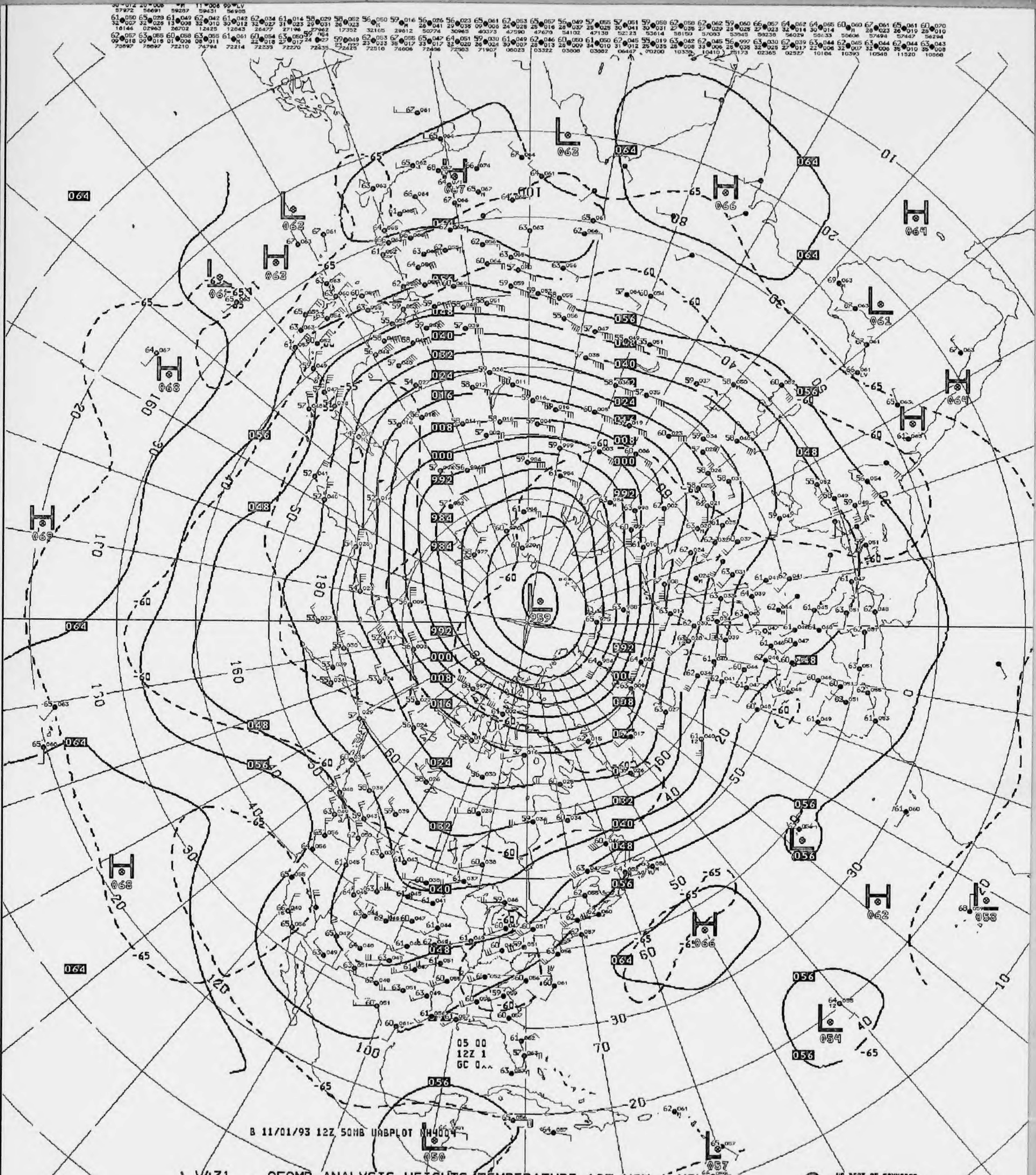
A Form 48 - 366C
. 8- 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

50 MB CONSTANT PRESSURE CHARTS

STRATOSPHERIC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING



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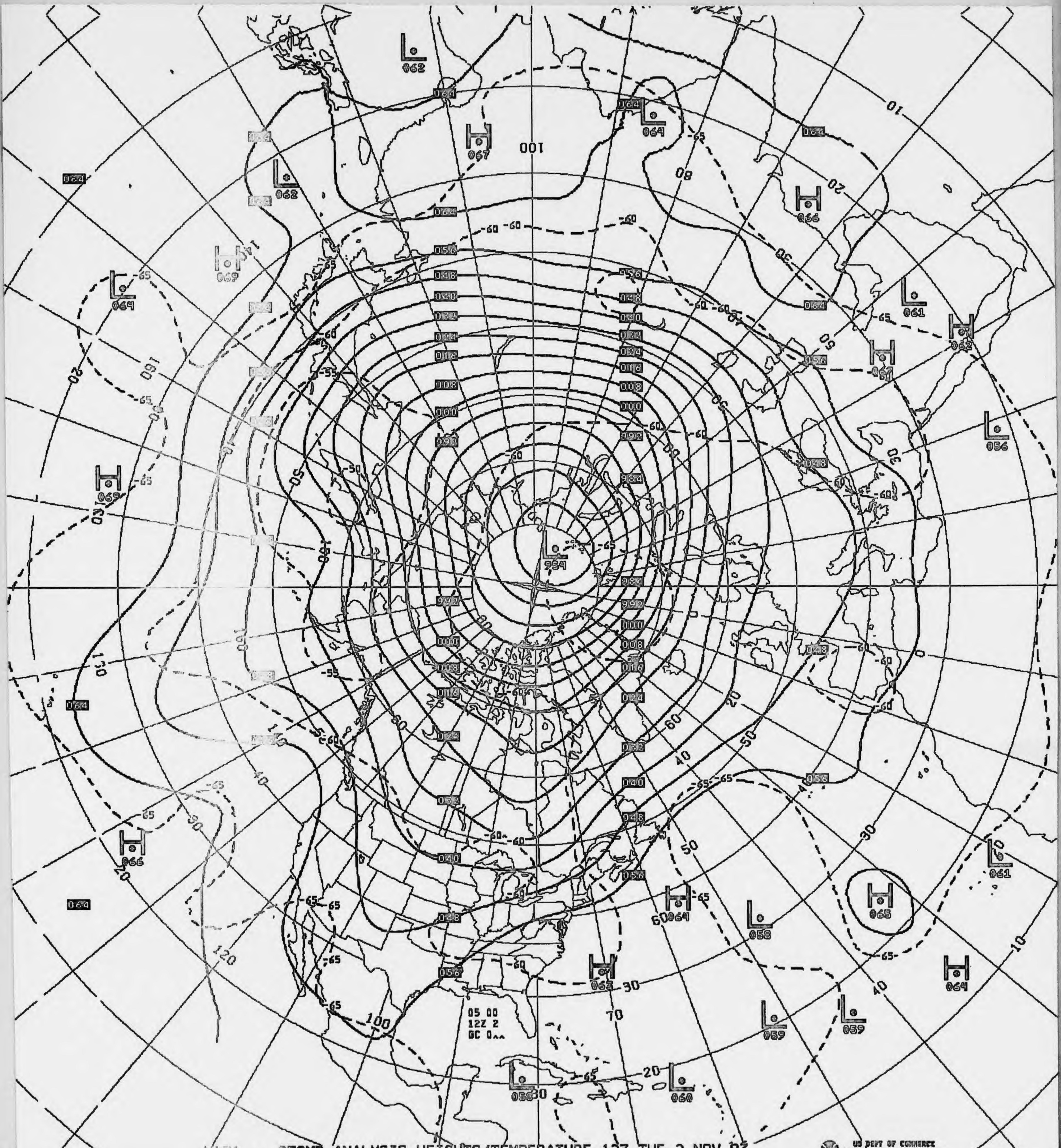
V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 1 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



L 062
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L 064
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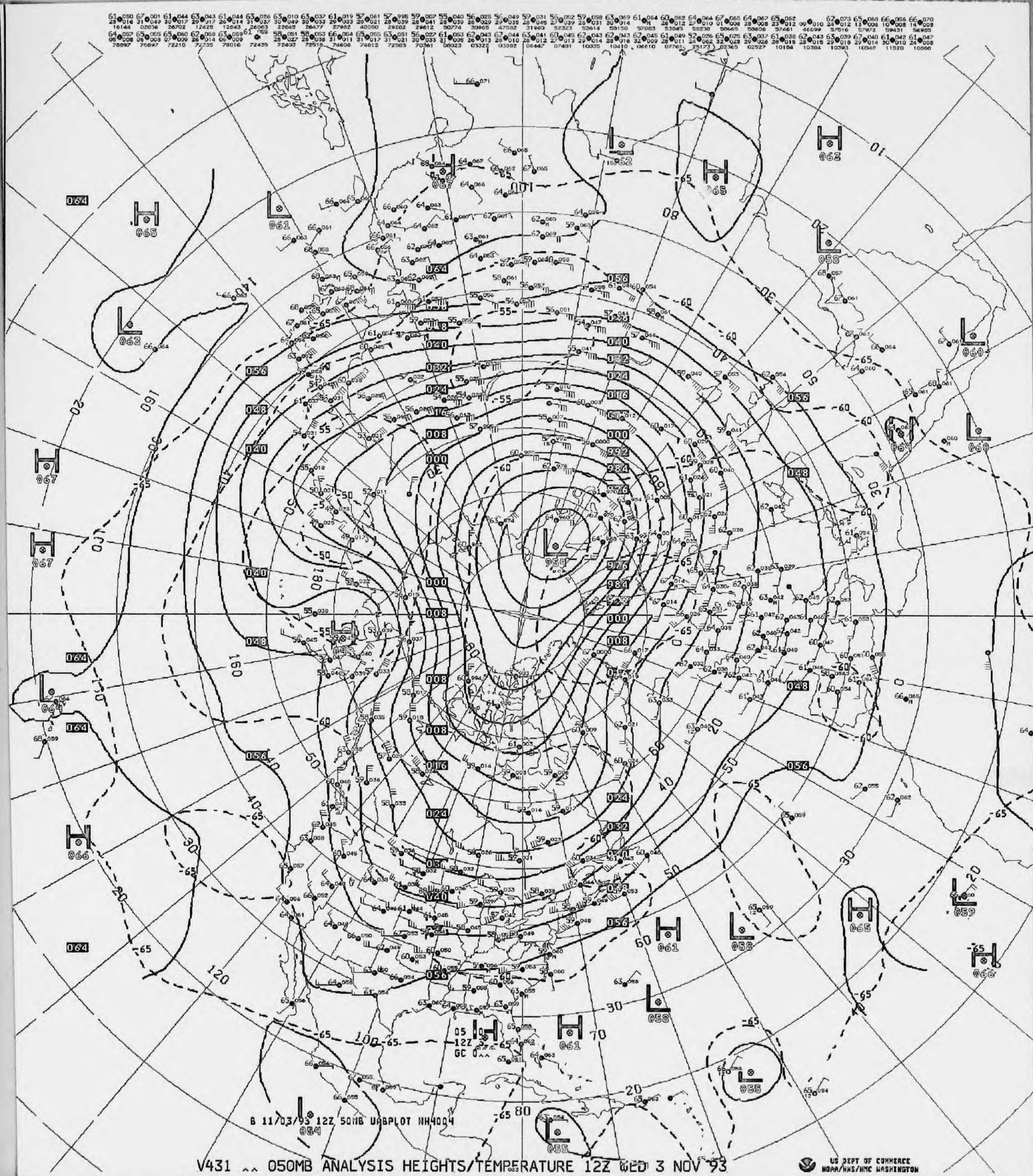
L 062
H 066
H 069
L 064
L 061
H 062
H 067
L 056
H 069
L 959
064
H 066
064
H 064
L 058
H 065
L 061
H 062
H 064
L 059
L 059
L 058
L 060
05 00
12Z 2
GC 0^^

V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 2 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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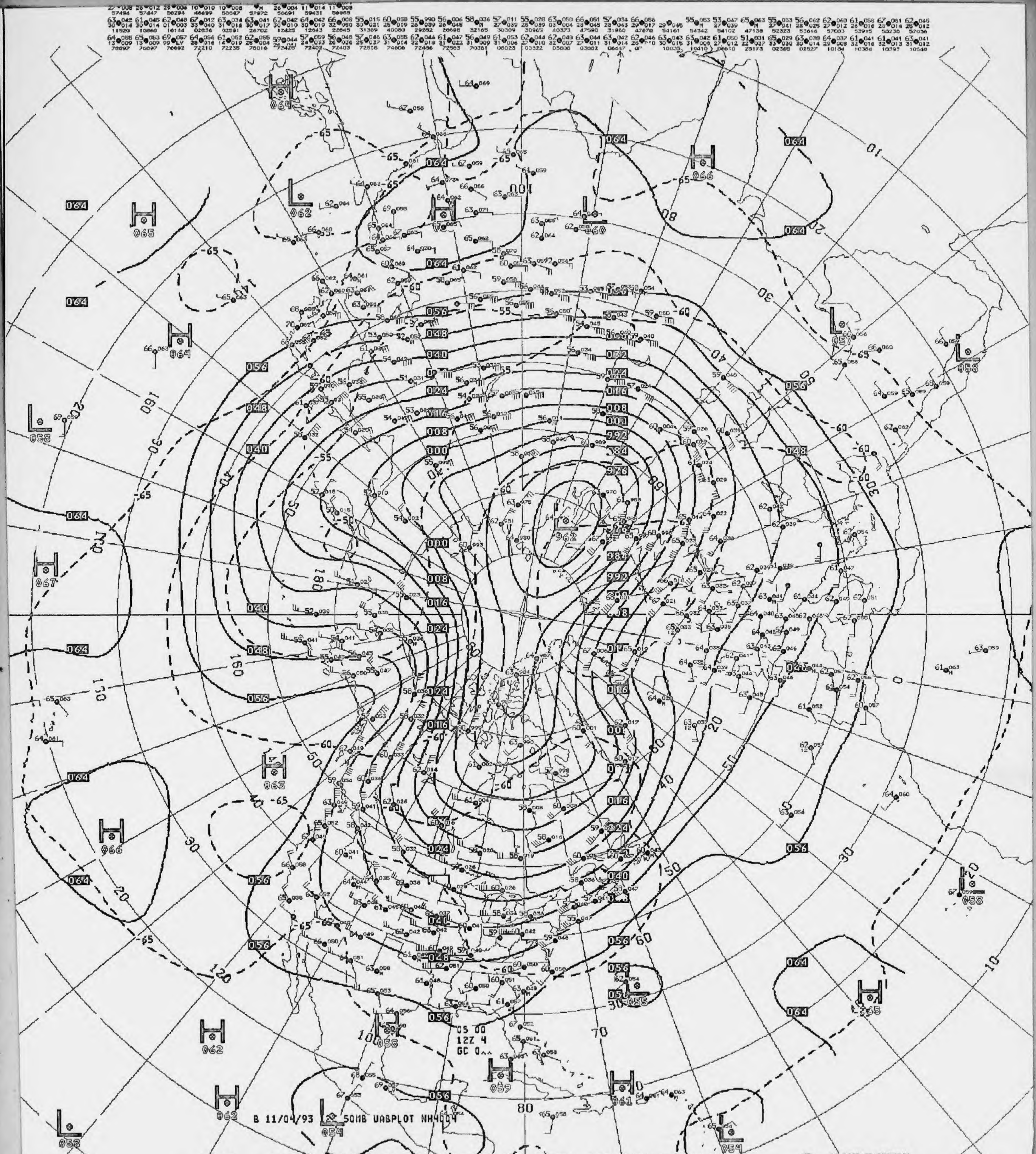
H 066
H 061
H 062
L 058
L 055
L 054
L 060
L 061
L 062
L 052
L 059
-65
-60
-55
-50
000
008
016
024
032
040
048
056
064
976
984
992
120
140
160
180
10
20
30
40
50
60
70
80
100

V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 3 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/04/93 12Z 50MB UABPLOT NH4004
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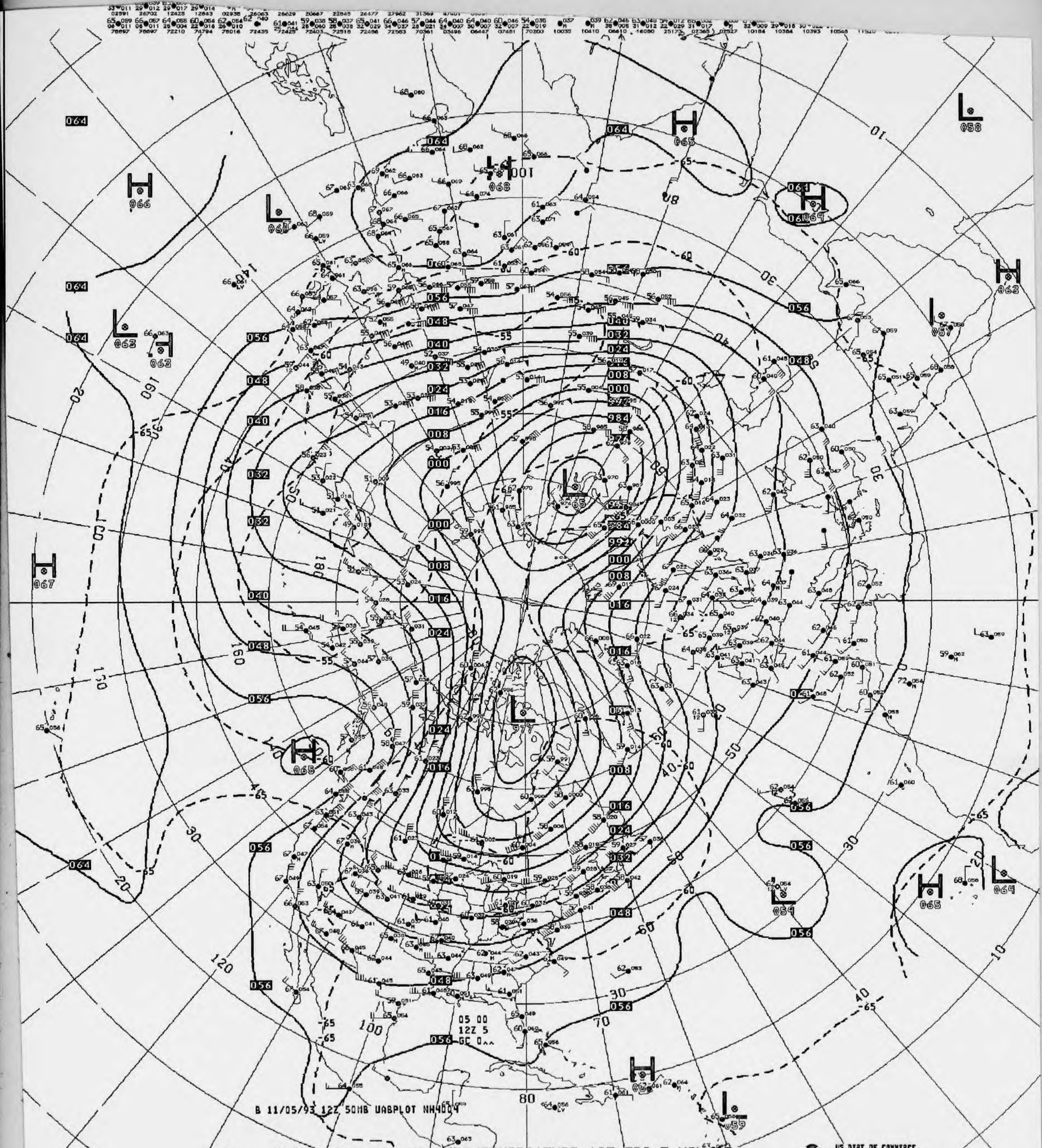
12Z 4
GC 0^^
H
L
962
80
70

V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 4 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/05/93 12Z 50MB UABPLOT NH4004
05 00
12Z 5
GC 0^^
H
L
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100
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160
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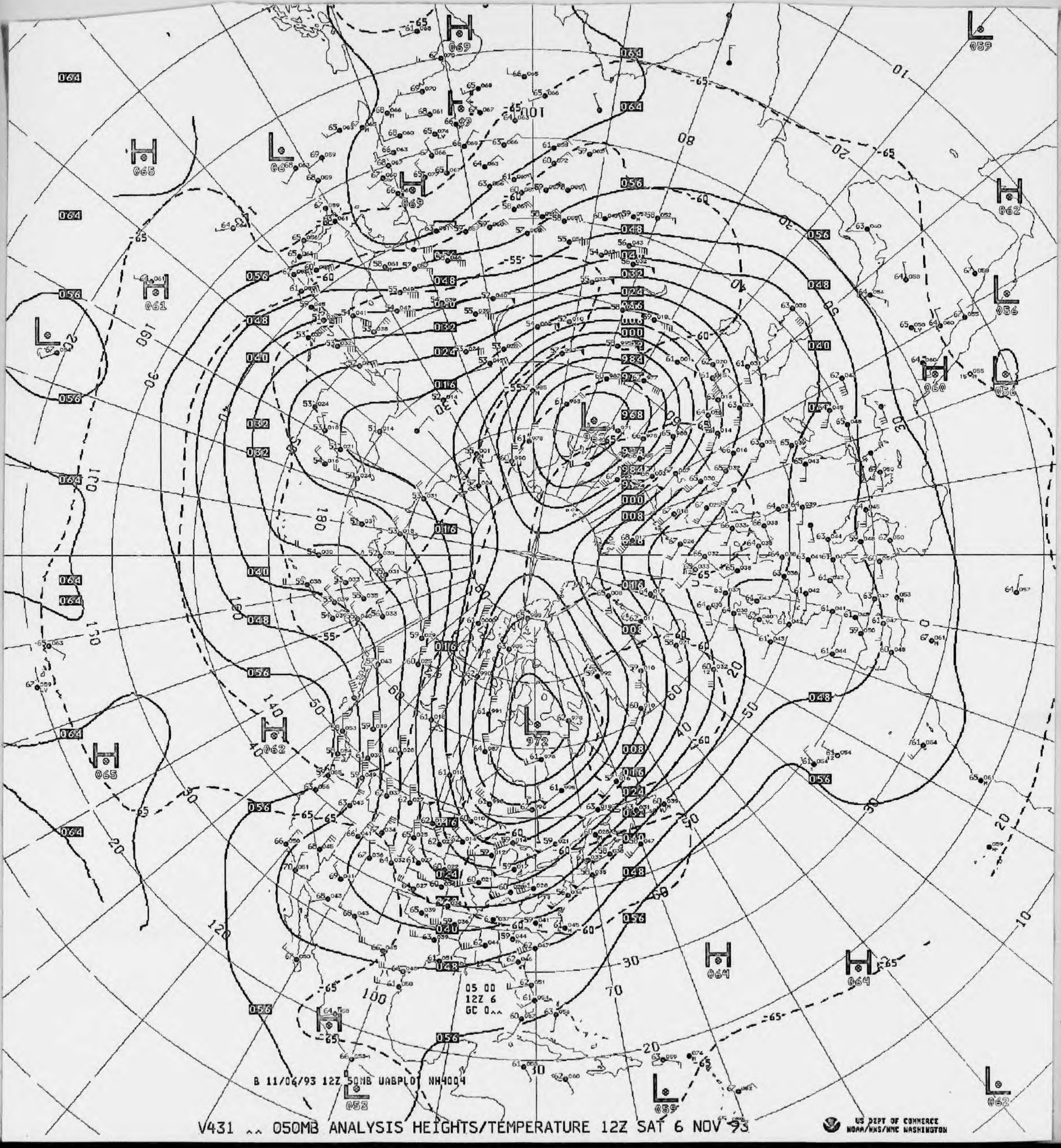
V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 5 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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12Z 6
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H 065
H 061
H 062
H 065
H 064
H 064
H 060
H 062
L 059
L 056
L 056
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L 059
L 062
L 963
L 972
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016
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984
976
968
-55
-60
-65
10
20
30
40
50
60
70
80
90
100
110
120
130
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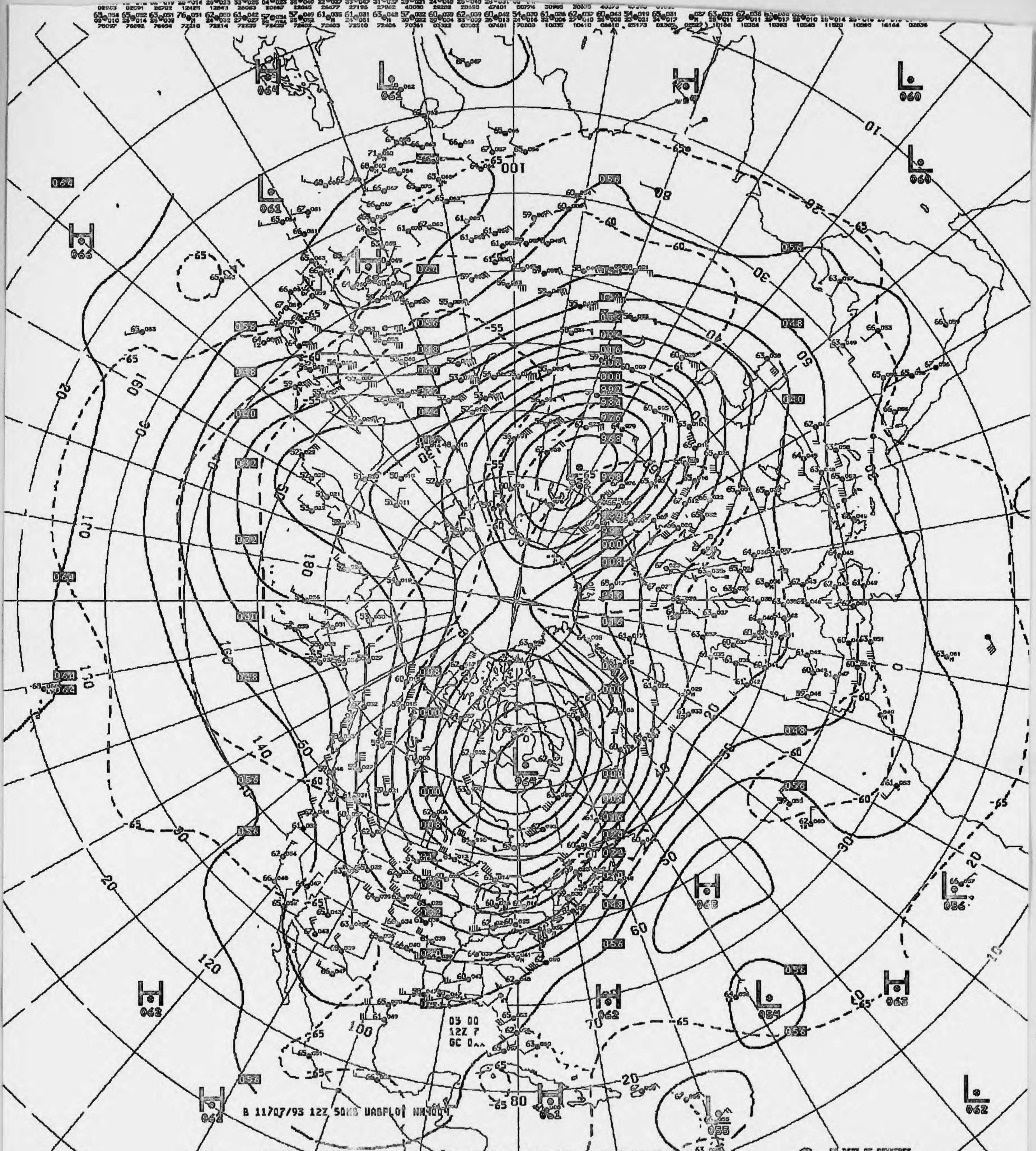
V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 6 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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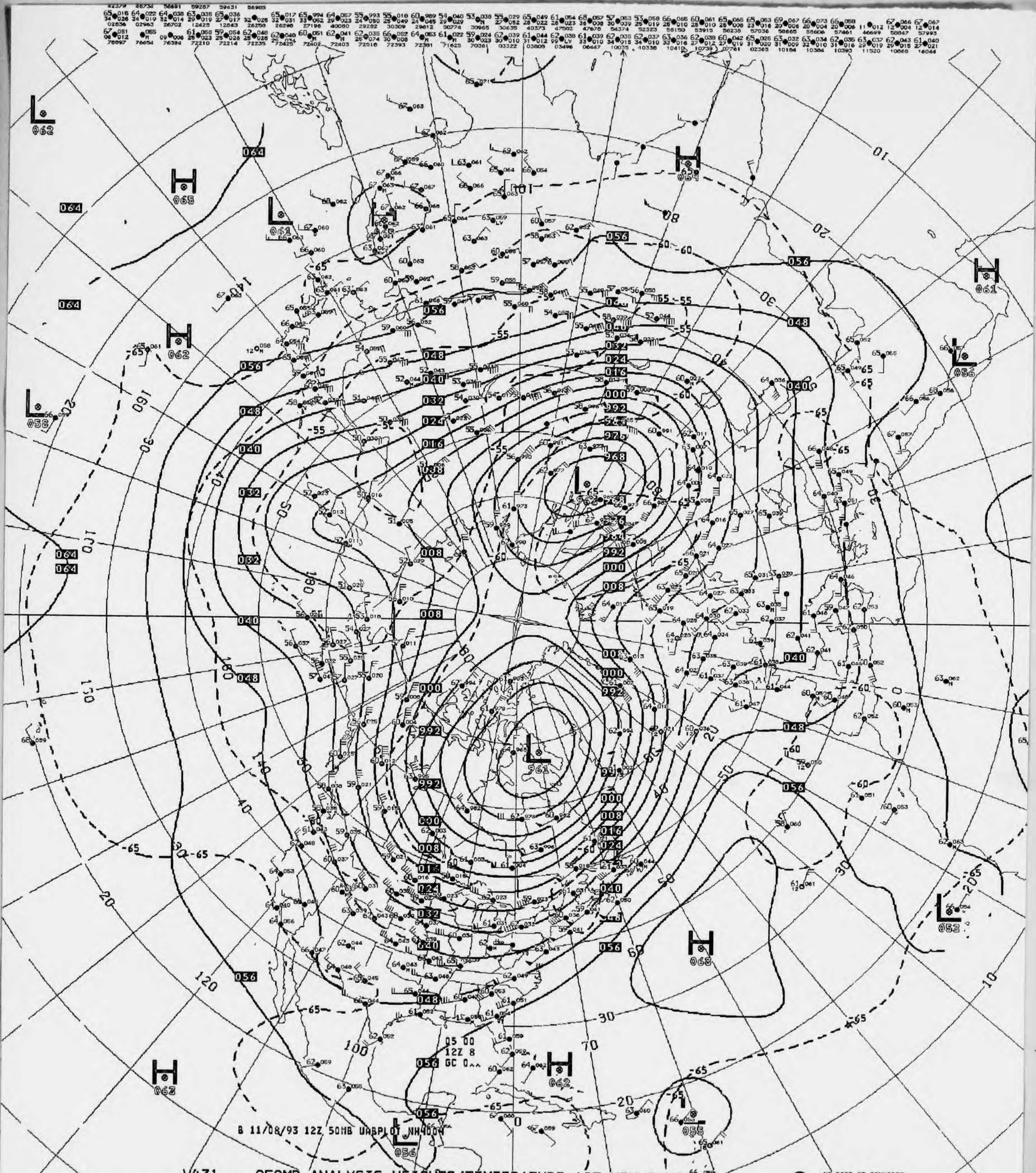
V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 7 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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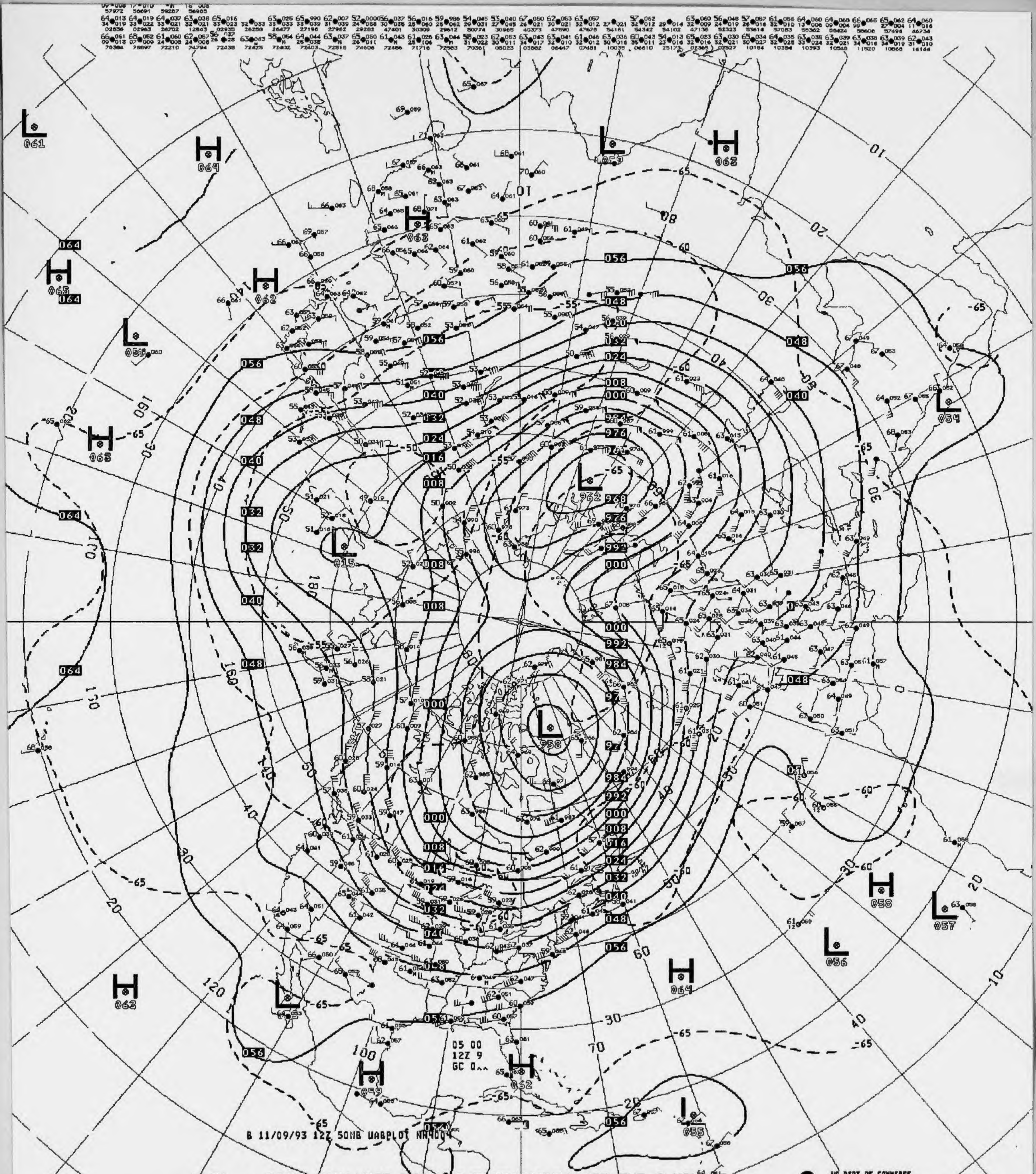
L 061
L 062
L 058
H 062
H 063
L 052
H 061
L 056
L 053
H 068
H 062
L 055
L 056
L 961
05 00
12Z 8
GC 0^^
8 11/08/93 12Z 50MB UABPLOT NH4004

V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 8 NOV 93

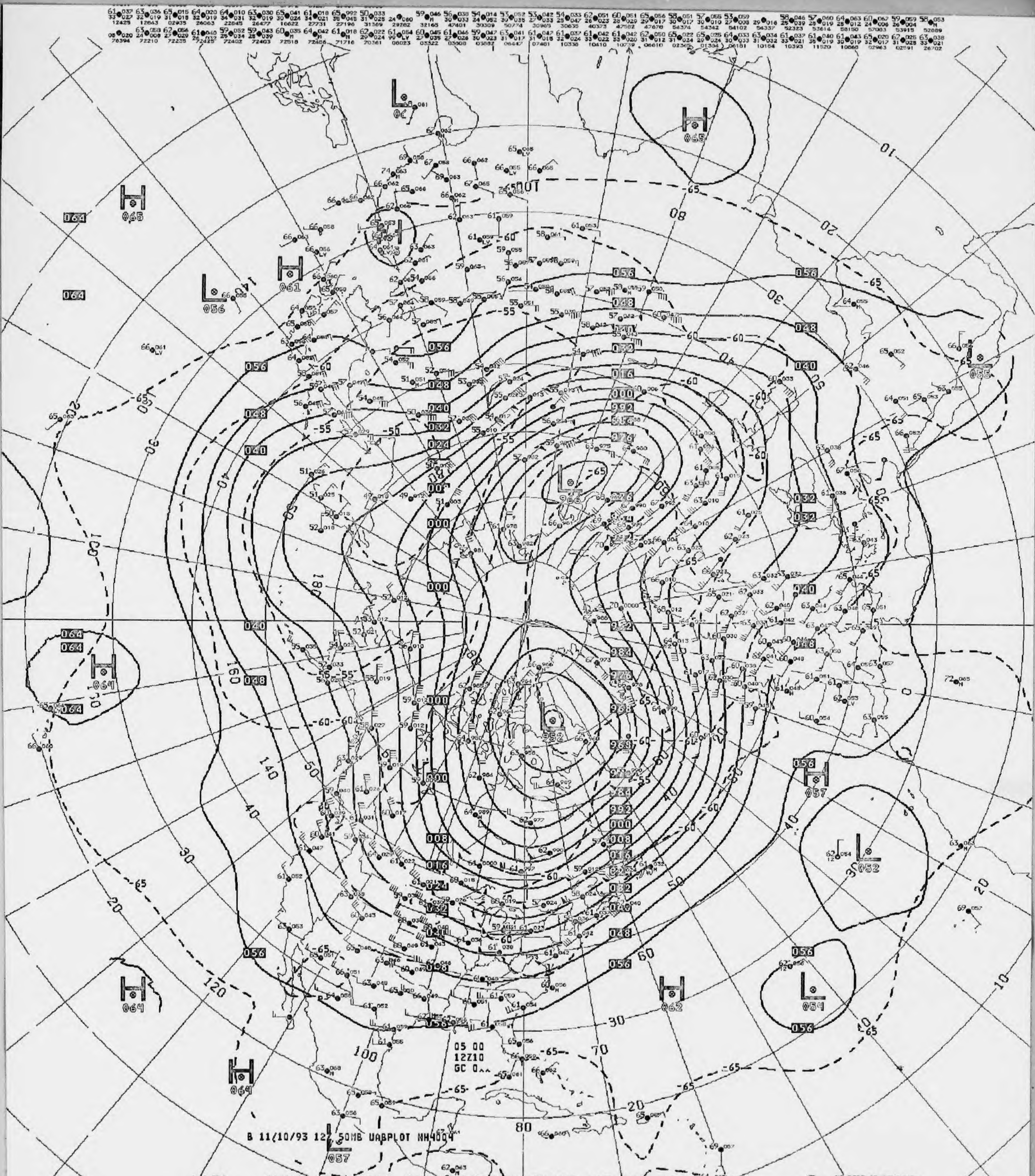
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
L
962
958
05 00
12Z 9
GC 0^^

B 11/09/93 12Z 50MB UABPLOT NH4004

V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 9 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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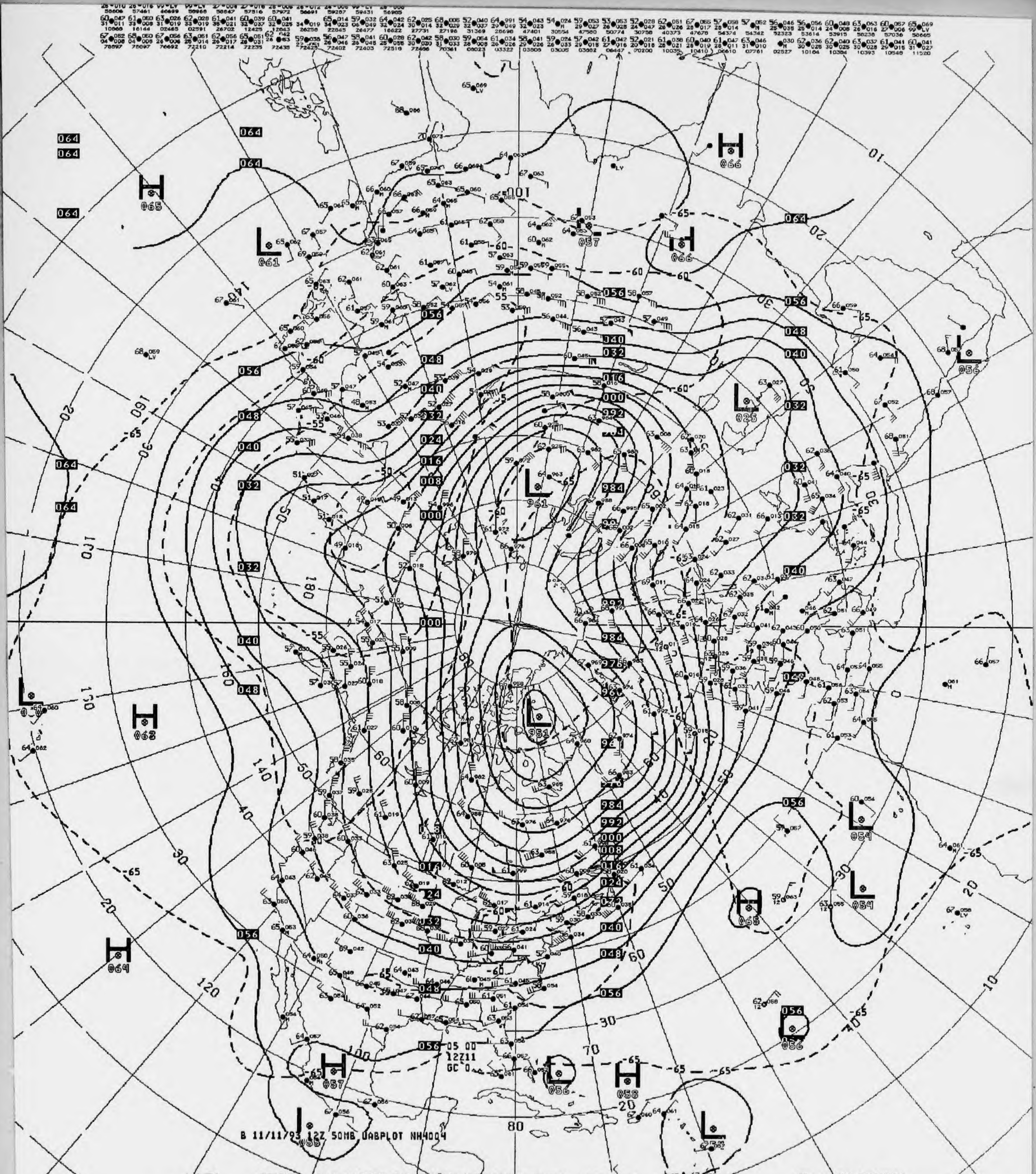
12Z10
GC 0^^

V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 10 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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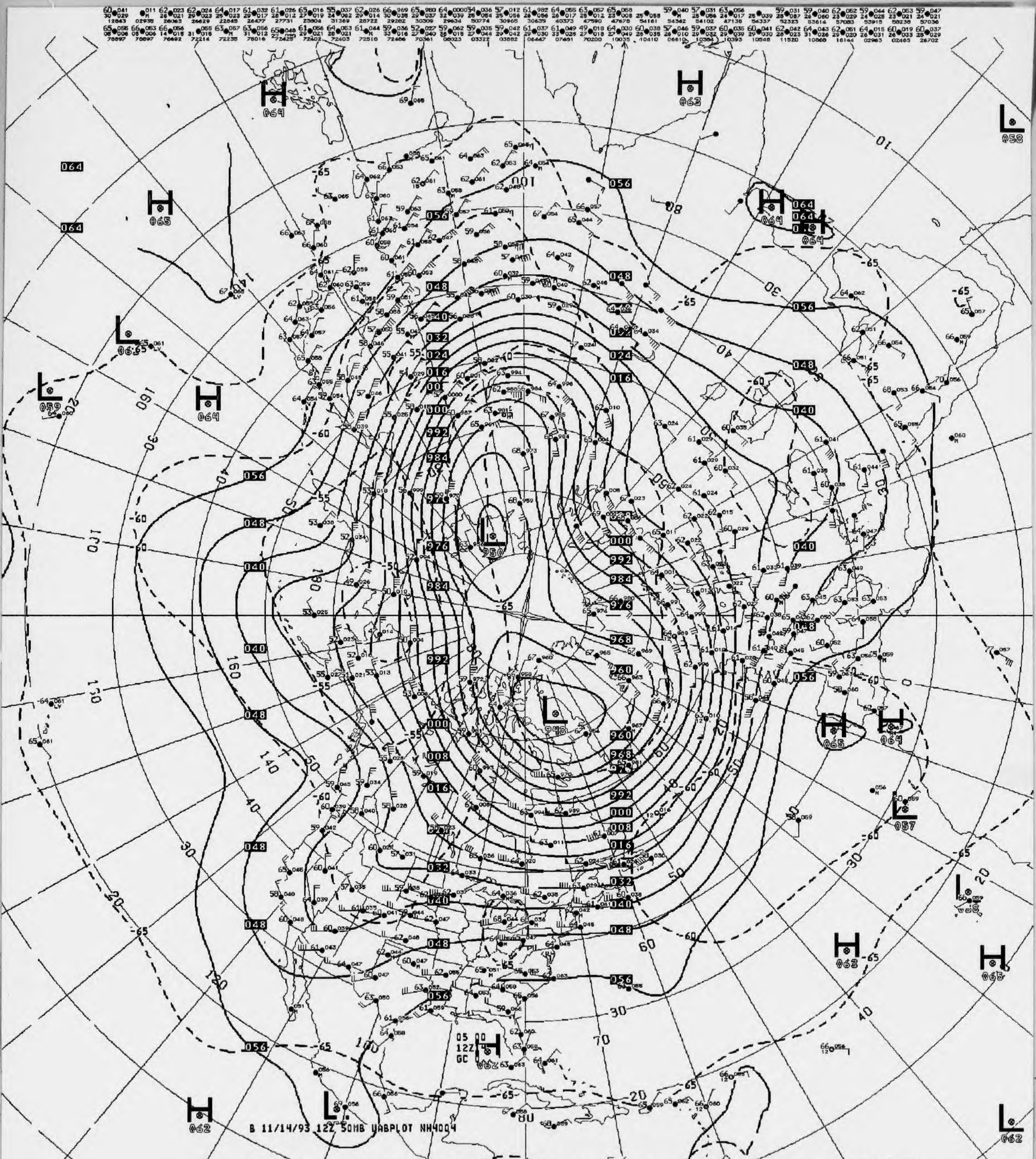
GC 0
H
L
064
056
048
040
032
024
016
008
000
992
984
976
961
951
-65
-60
-55
-50

V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 11 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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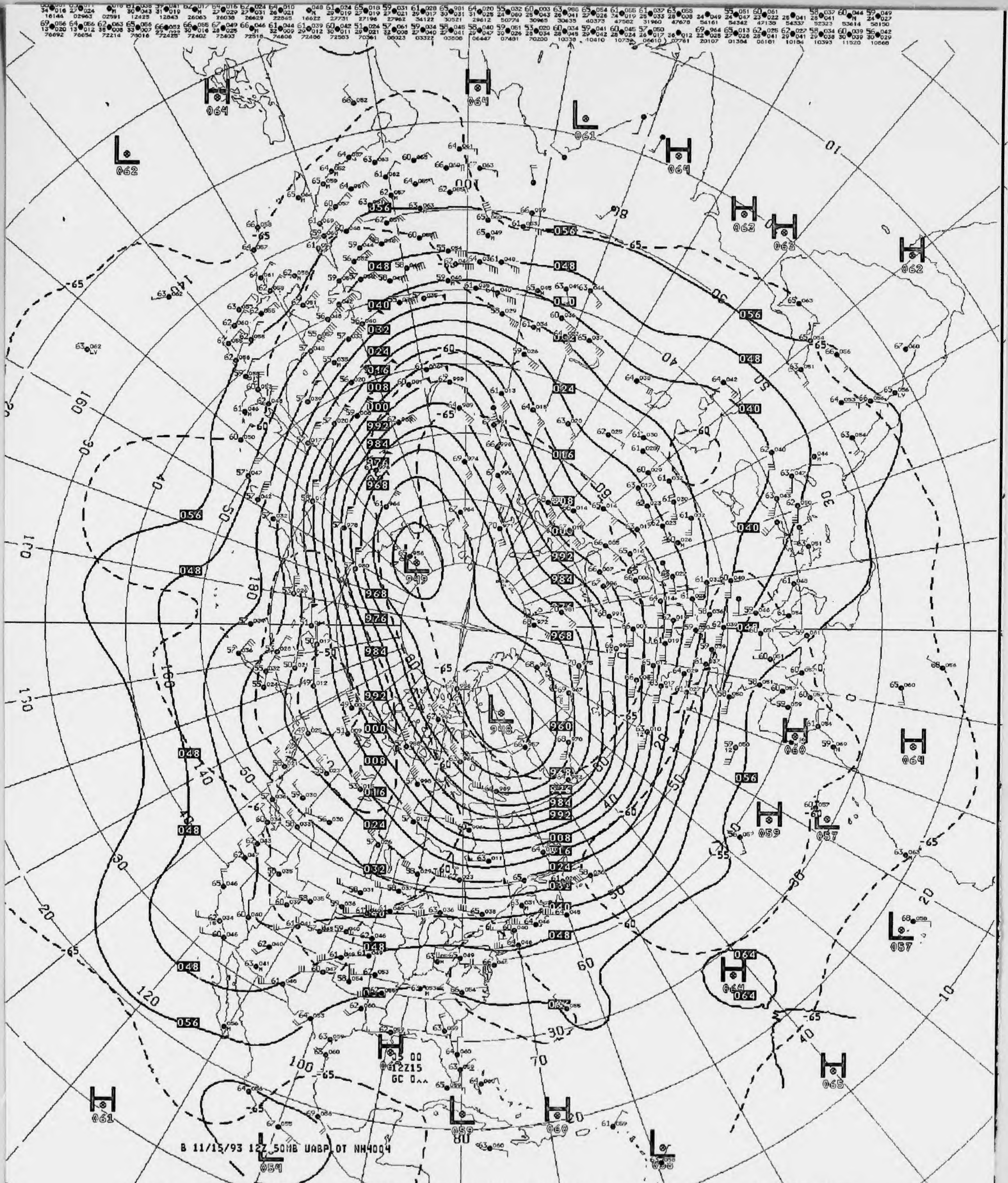
L
950
948
05 00
12Z
GC

V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 14 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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GC 0^^
H
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L
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H
063
L
949
L
948
H
060
H
059
L
057
H
064
H
065
L
059
H
061
H
060
056
048
040
032
024
016
008
000
992
984
976
968
960
-65
-60
-55
10
20
30
40
50
60
70
80
90
100
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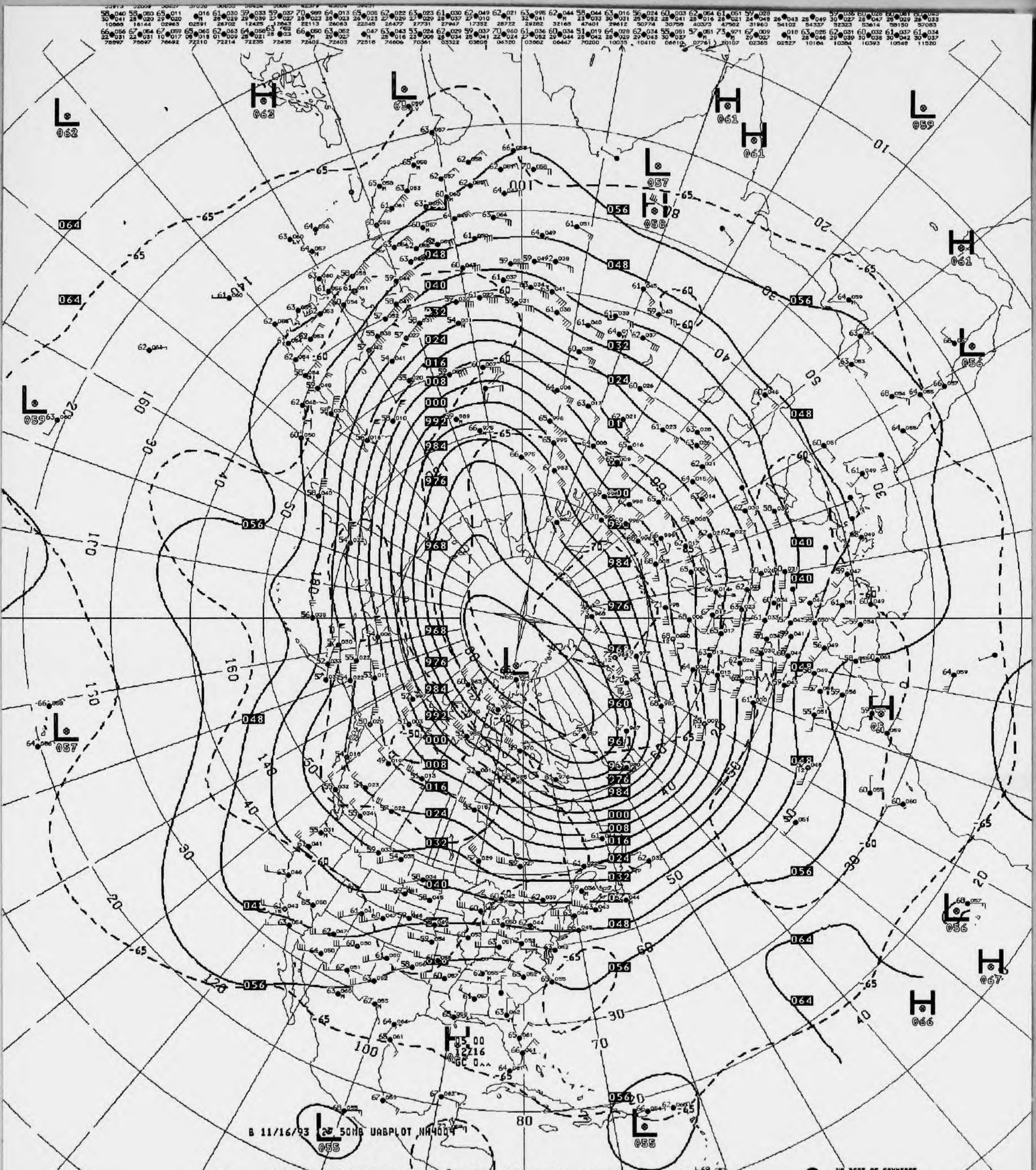
V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 15 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/16/93 12Z 50MB UABPLOT NA4004
L
H
056
048
040
032
024
016
008
000
992
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976
968
960
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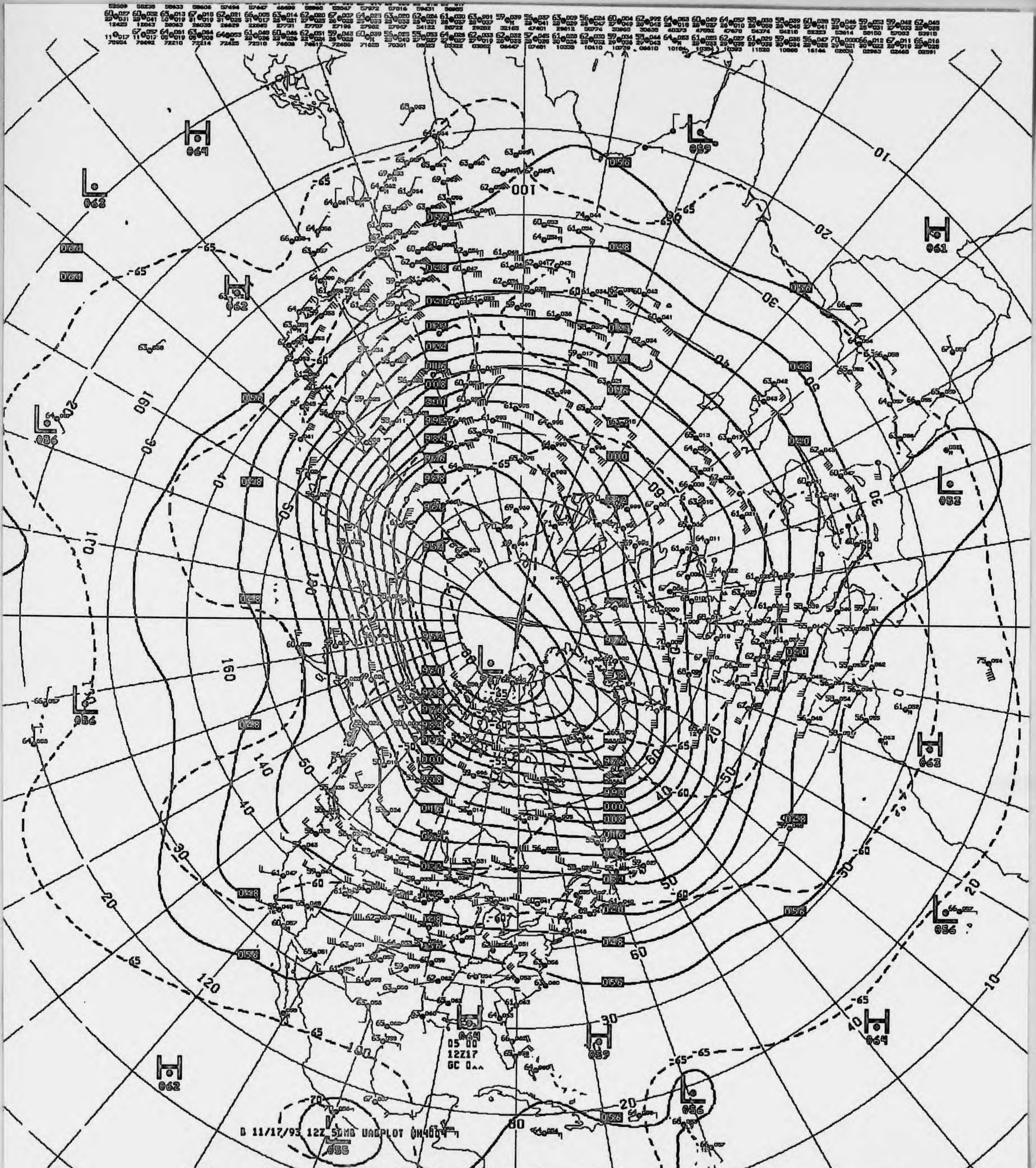
-60
80

V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 16 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H
062
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056
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056
H
062
L
059
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061
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052
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064
H
059
05 00
12Z17
GC 0^^
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100
10
20
30
40
50
60
160
140
120
80
-65
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-55
-50
-70
048
056
040
032
024
016
008
000
992
984
976
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960
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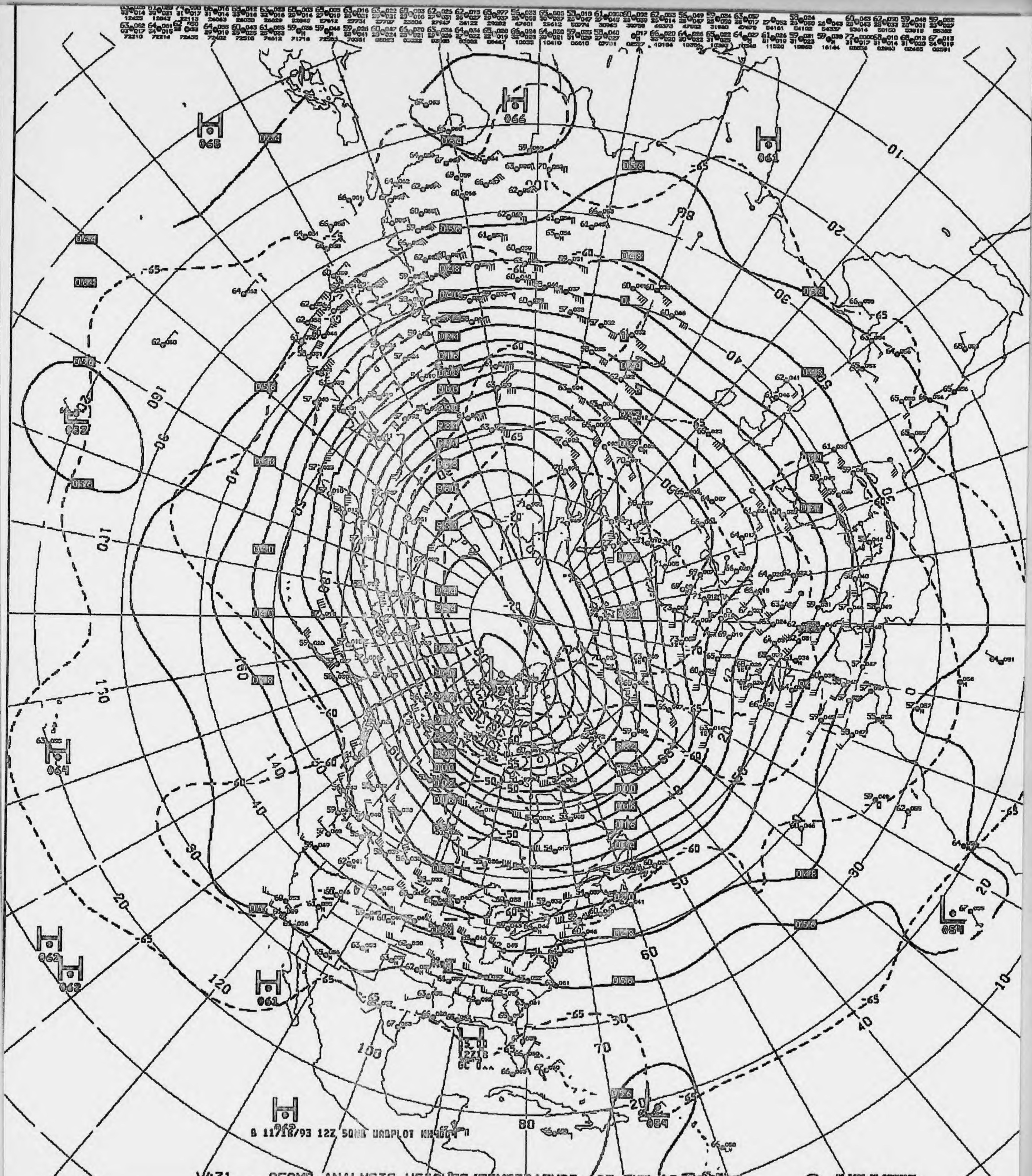
V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 17 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
065
H
066
H
061
052
H
064
H
062
H
062
H
061
H
063
054
054
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10
20
30
40
50
60
70
80
100
120
130
140
150
160
170
-60
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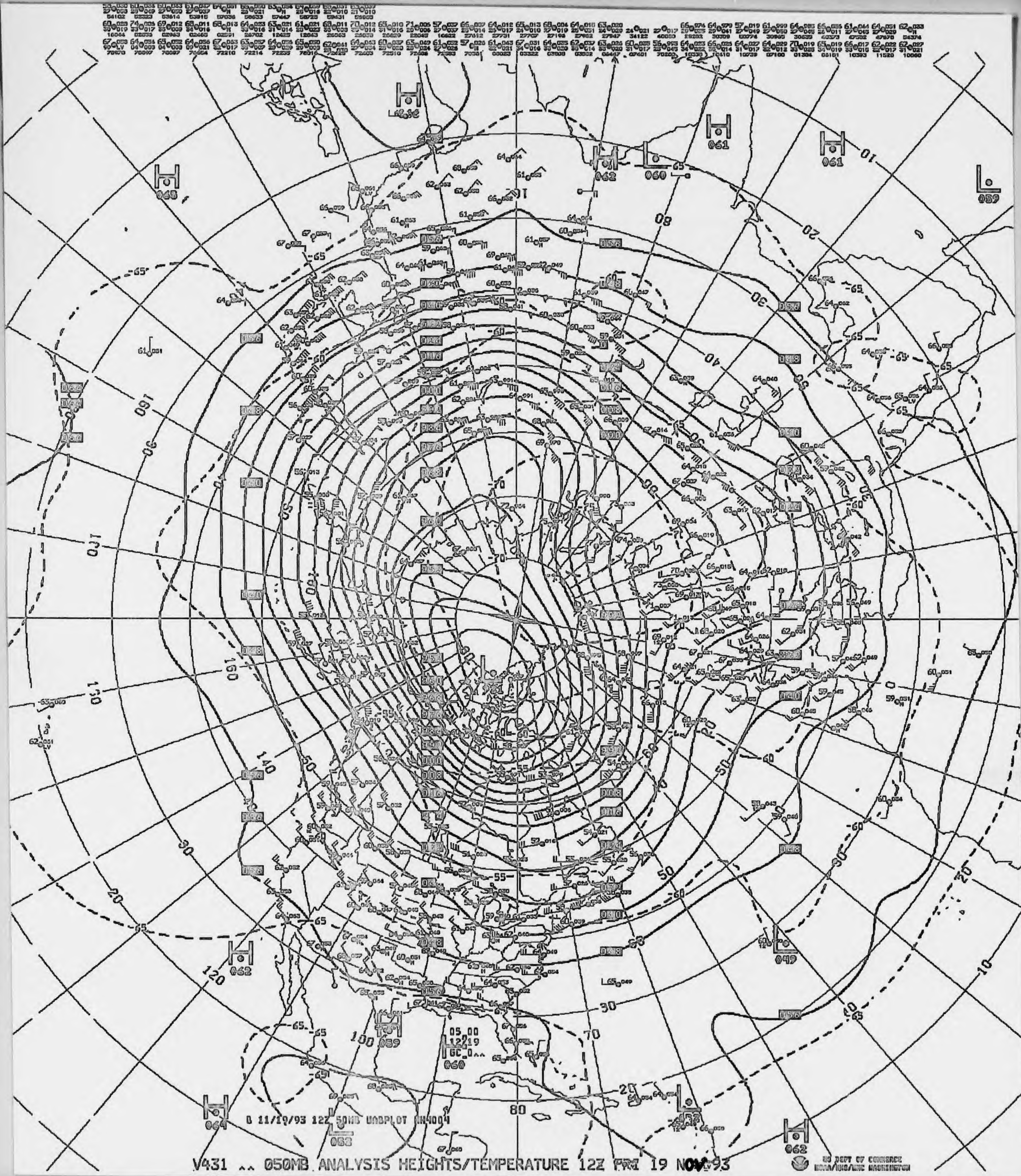
-50

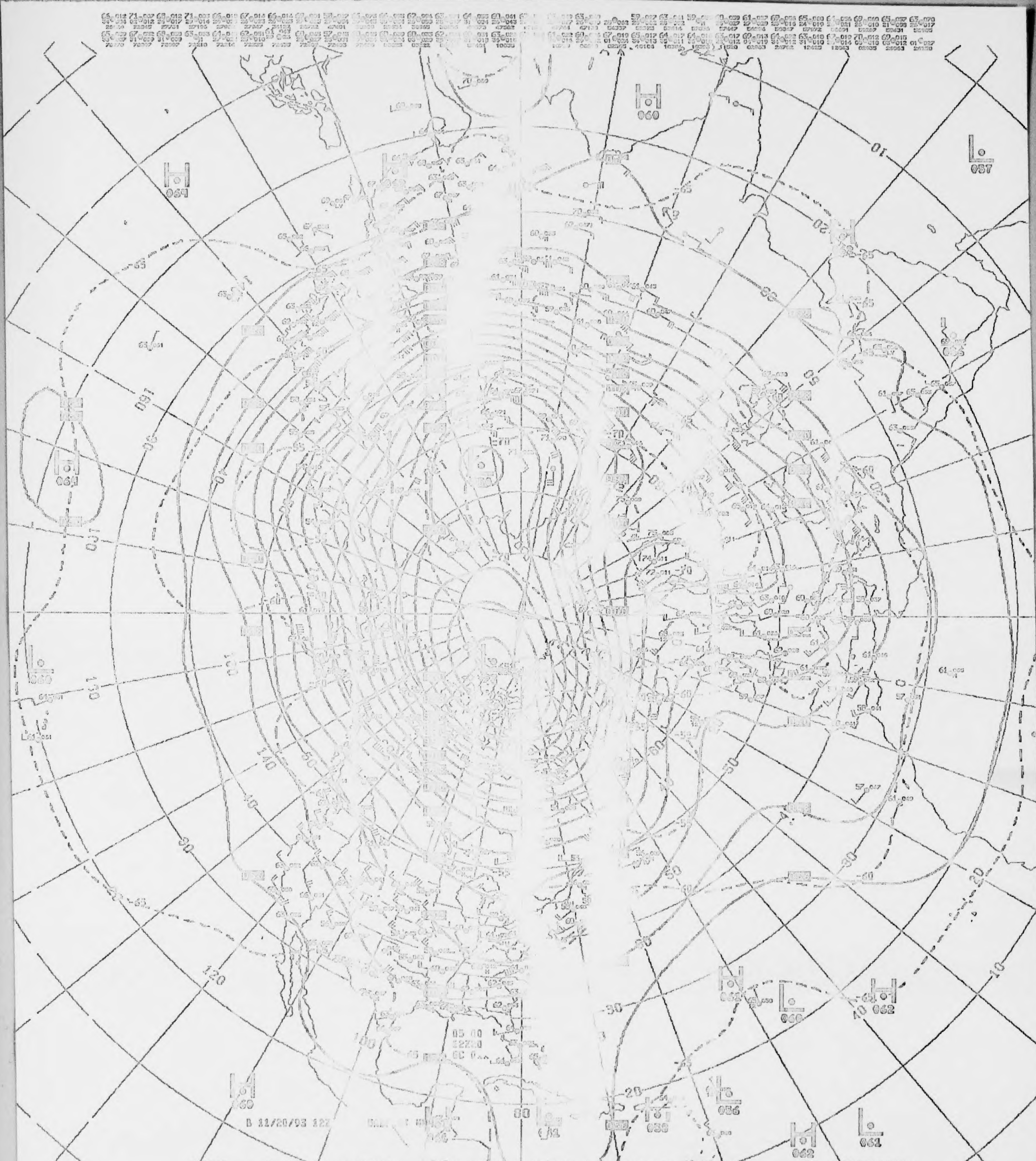
V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 18 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


0 11/19/93 12Z 50MB UABPLOT NH4004
H
L
80
100
120
140
160
170
10
20
30
40
50
60
70
-55
-60
-65
-70
05 00
12 19

V431 .. 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 19 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 060
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H 064
L 060
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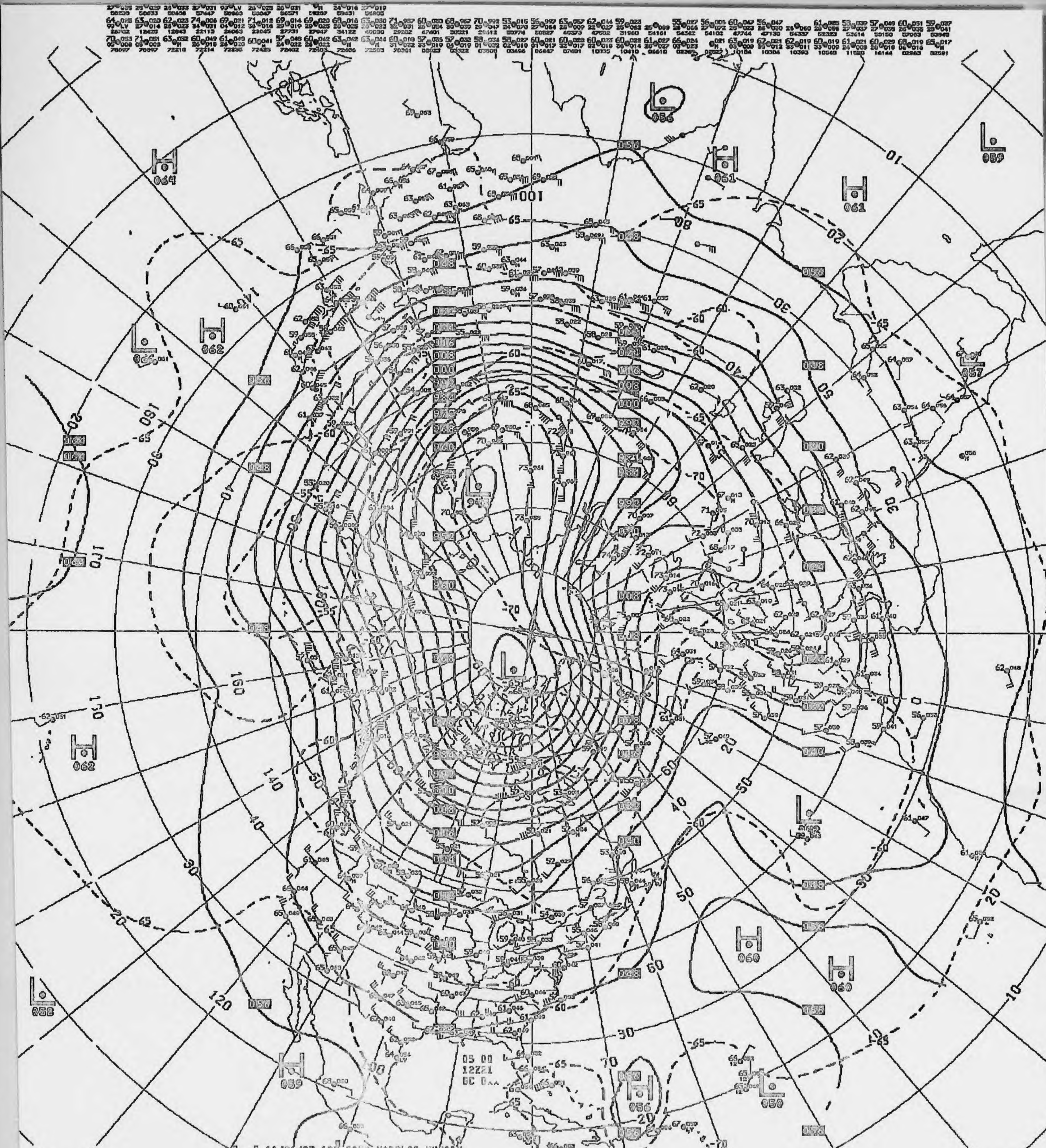
L 056
H 061
L 060
H 062
H 062
L 061
B 11/20/93 12Z
10
20
30
40
50
60
65
80
100
110
120
130
140
160
170

V431 .. 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 20 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


11/21/93 12Z 50MB UABPLOT NH1004
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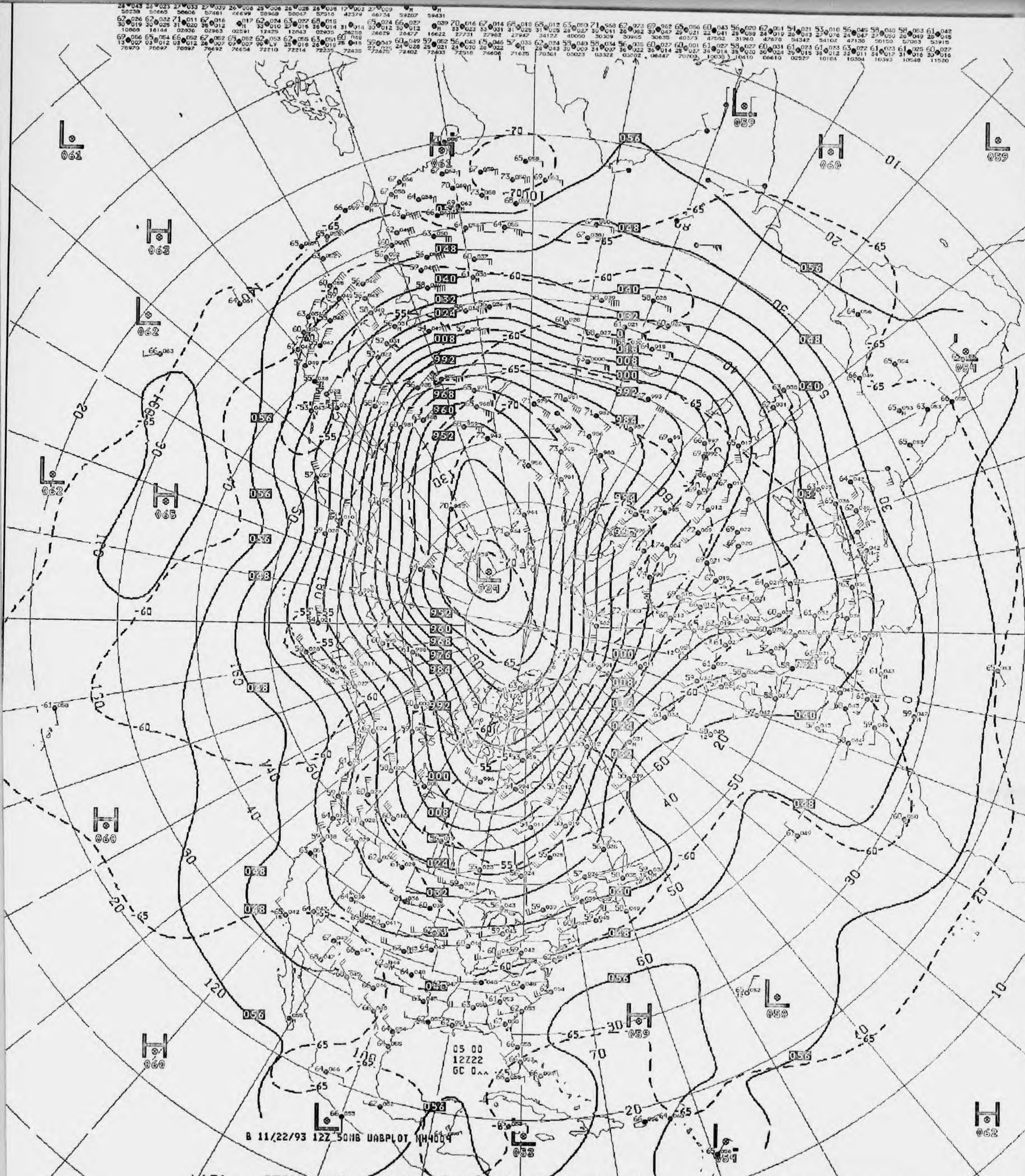
V431 .. 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 21 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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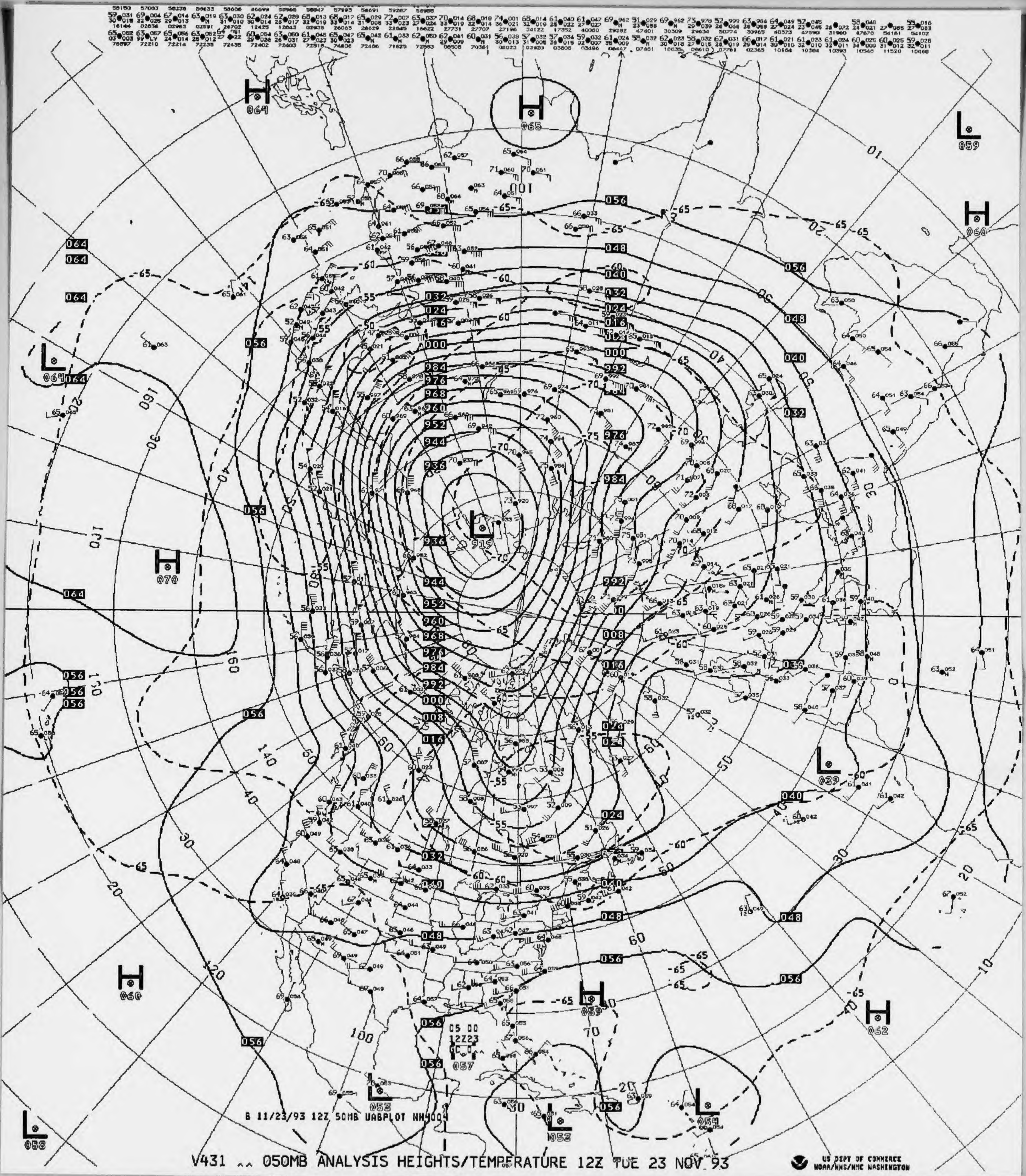
12Z22
GC 0^^
B 11/22/93 12Z 50MB UABPLOT NH4004

V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 22 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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069
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065
L
059
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060
L
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070
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919
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060
H
059
H
062
L
053
L
052
L
059
L
058
056
048
040
032
024
016
008
000
992
984
976
968
960
952
944
936
064
-65
-60
-55
-70
-75
20
30
40
50
60
70
100
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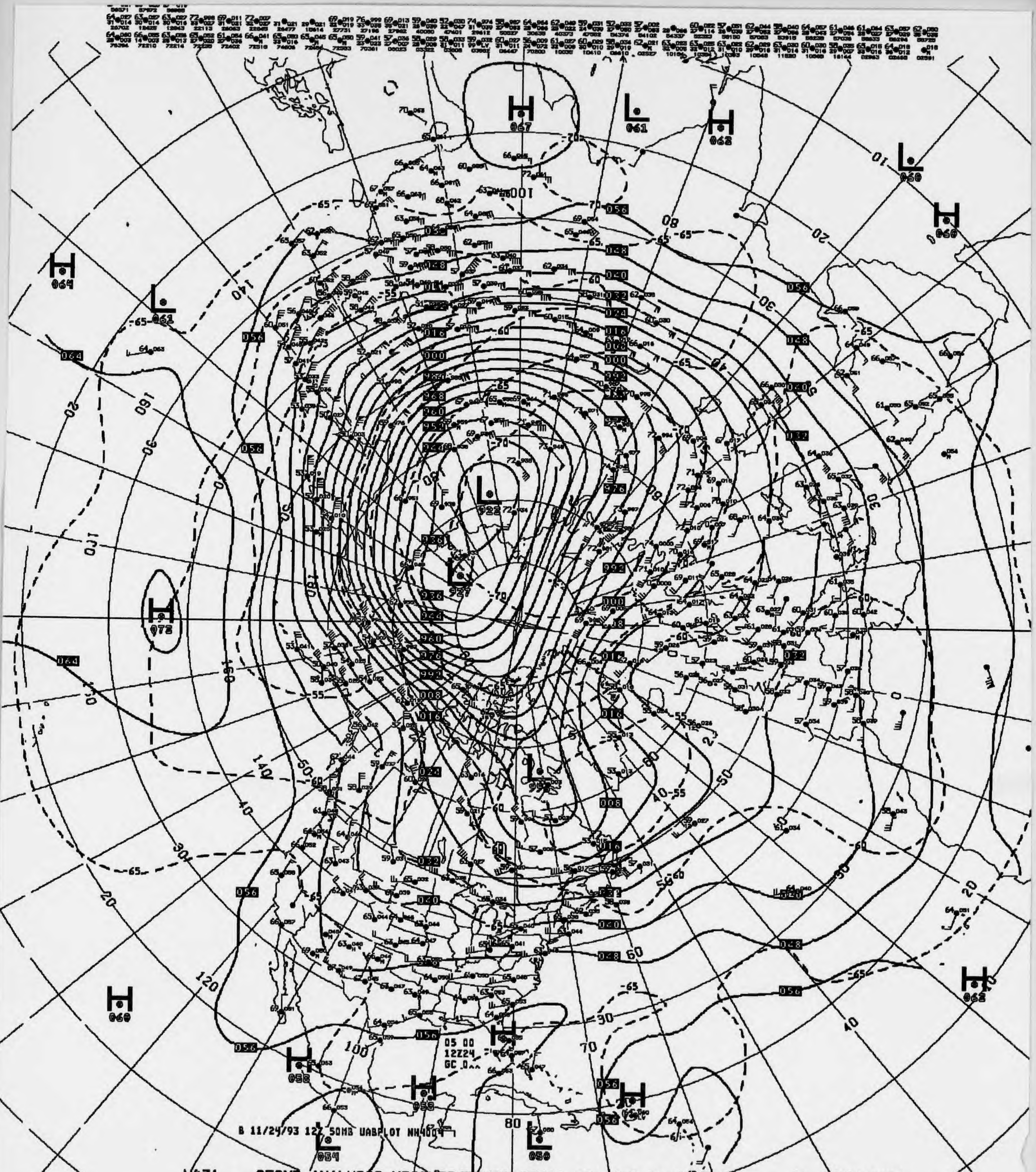
V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 23 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 064
L 061
L 922
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H 072
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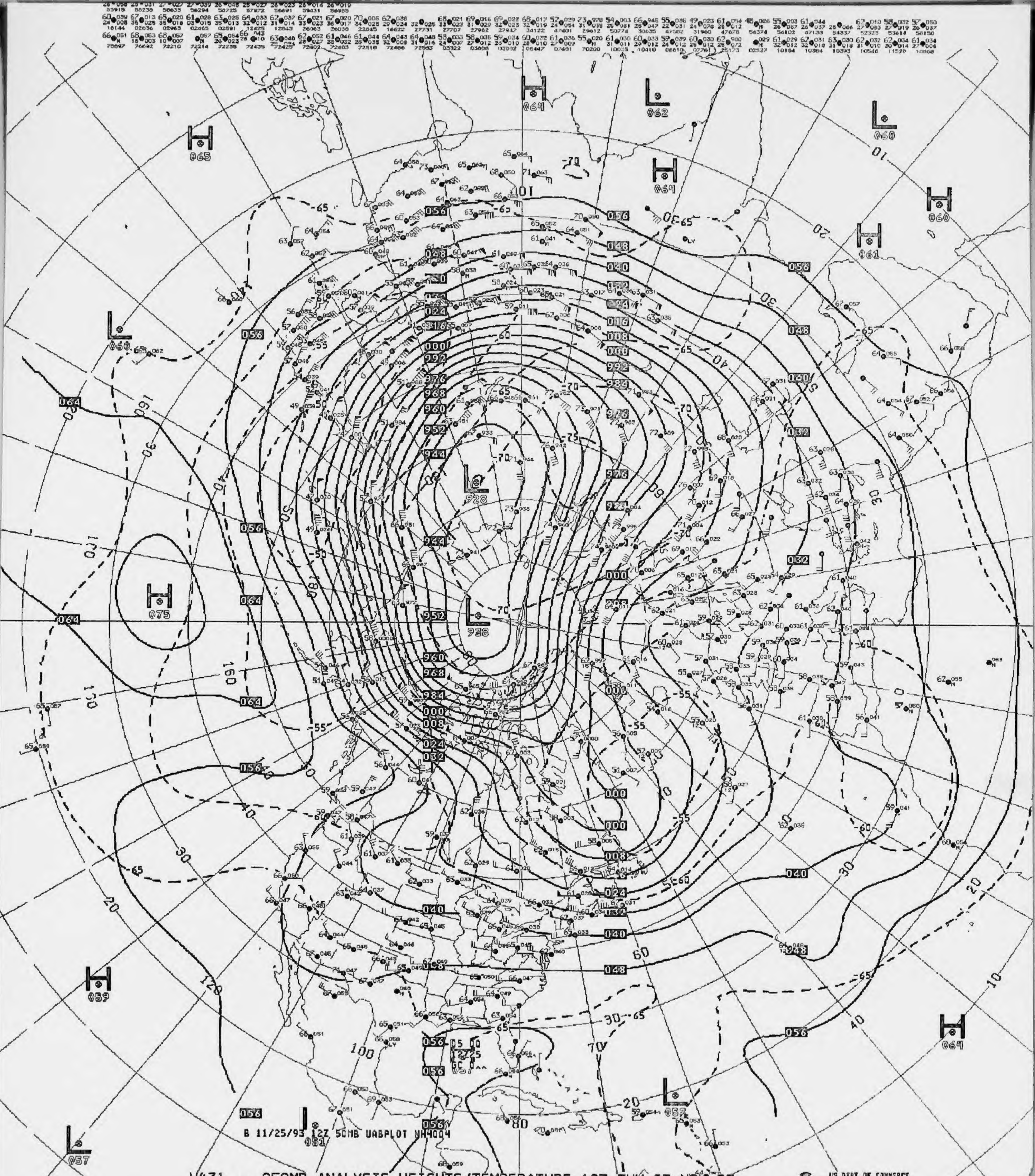
H 058
H 058
L 054
L 050
H 062
05 00
12Z24
GC 0^^
B 11/24/93 12Z 50MB UABPLOT NH4004

V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 24 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 061
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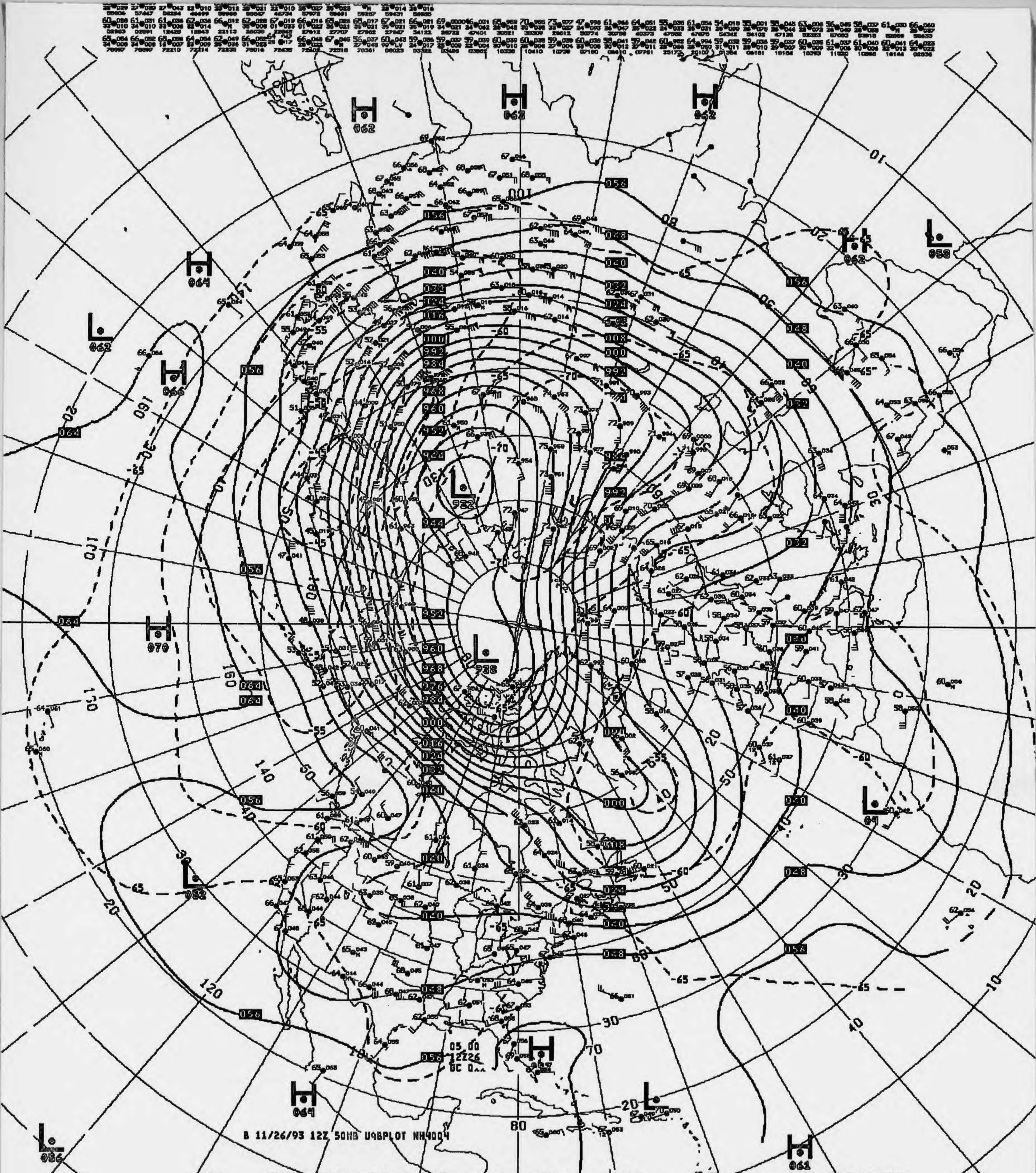
L 051
L 057
H 064
B 11/25/93 12Z 50MB UABPLOT NH4004

V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 25 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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GC 0^^
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H 064
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H 056
H 070
L 932
L 938
L 952
H 064
L 056
H 061
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H 062
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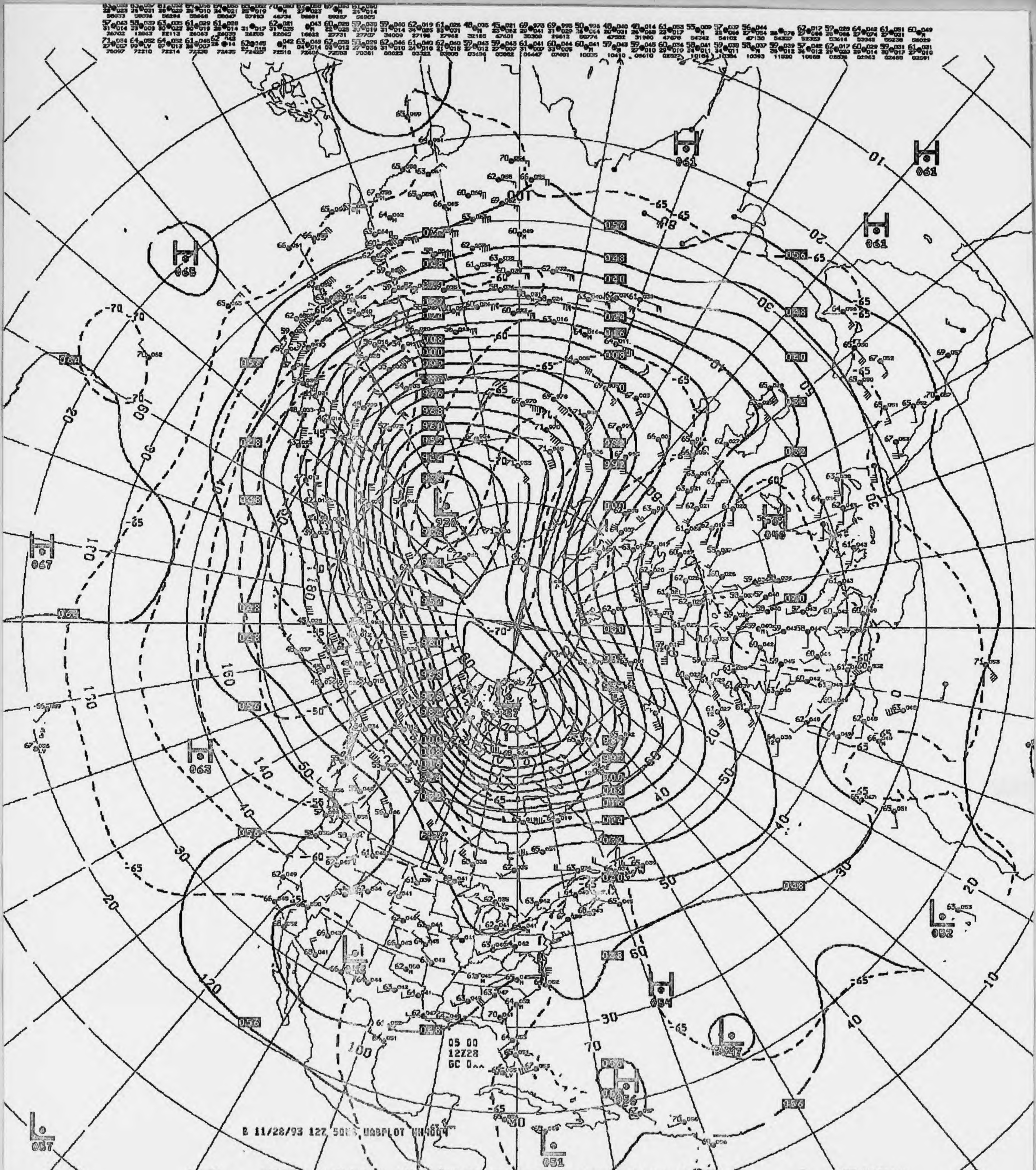
V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 26 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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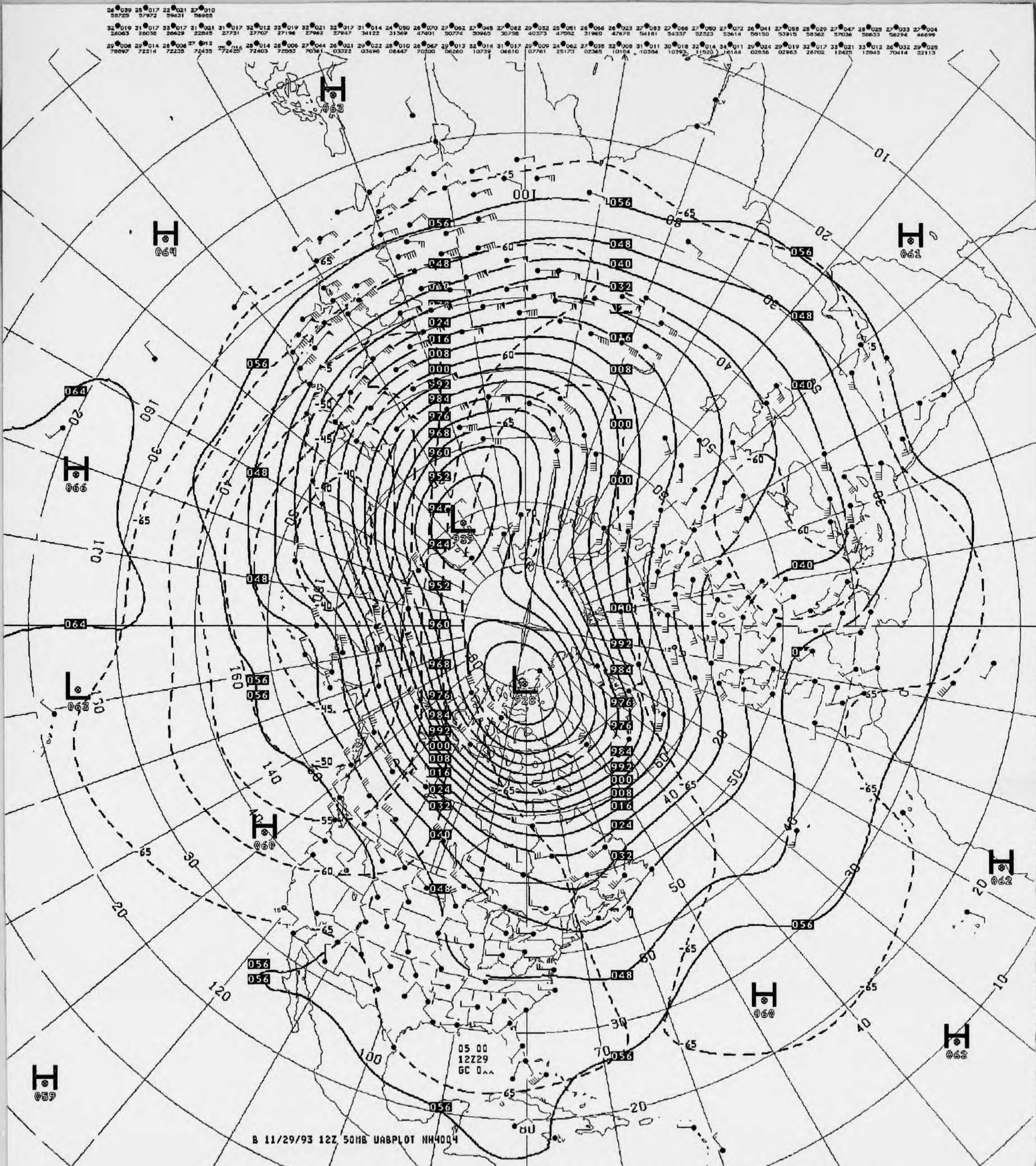
V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 28 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 066
L 939
L 928
L 062
H 060
H 062
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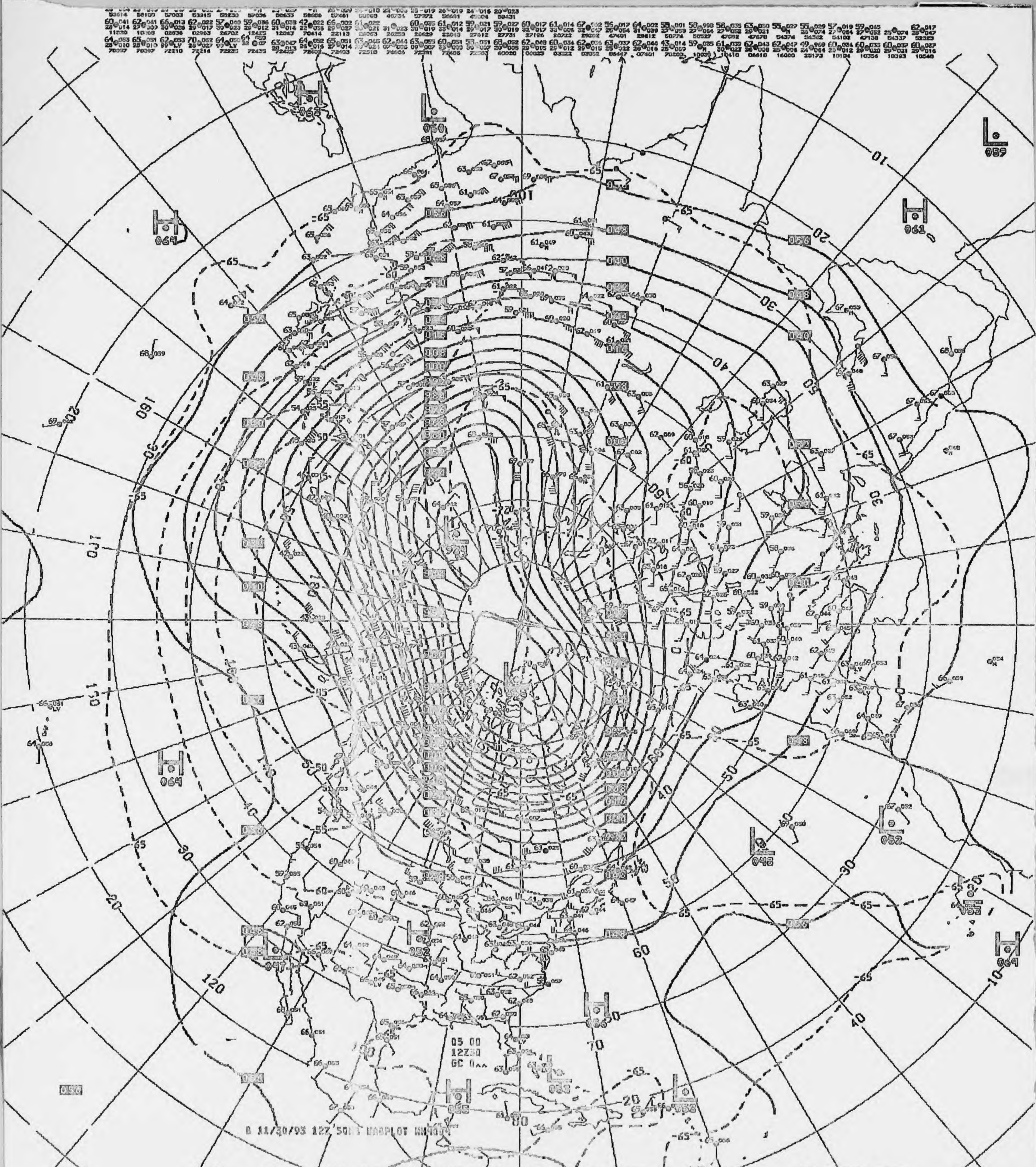
05 00
12Z29
GC 0^^

B 11/29/93 12Z 50MB UABPLOT NH4004

V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 29 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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V431 .. 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 30 NOV 93

US DEPT OF COMMERCE
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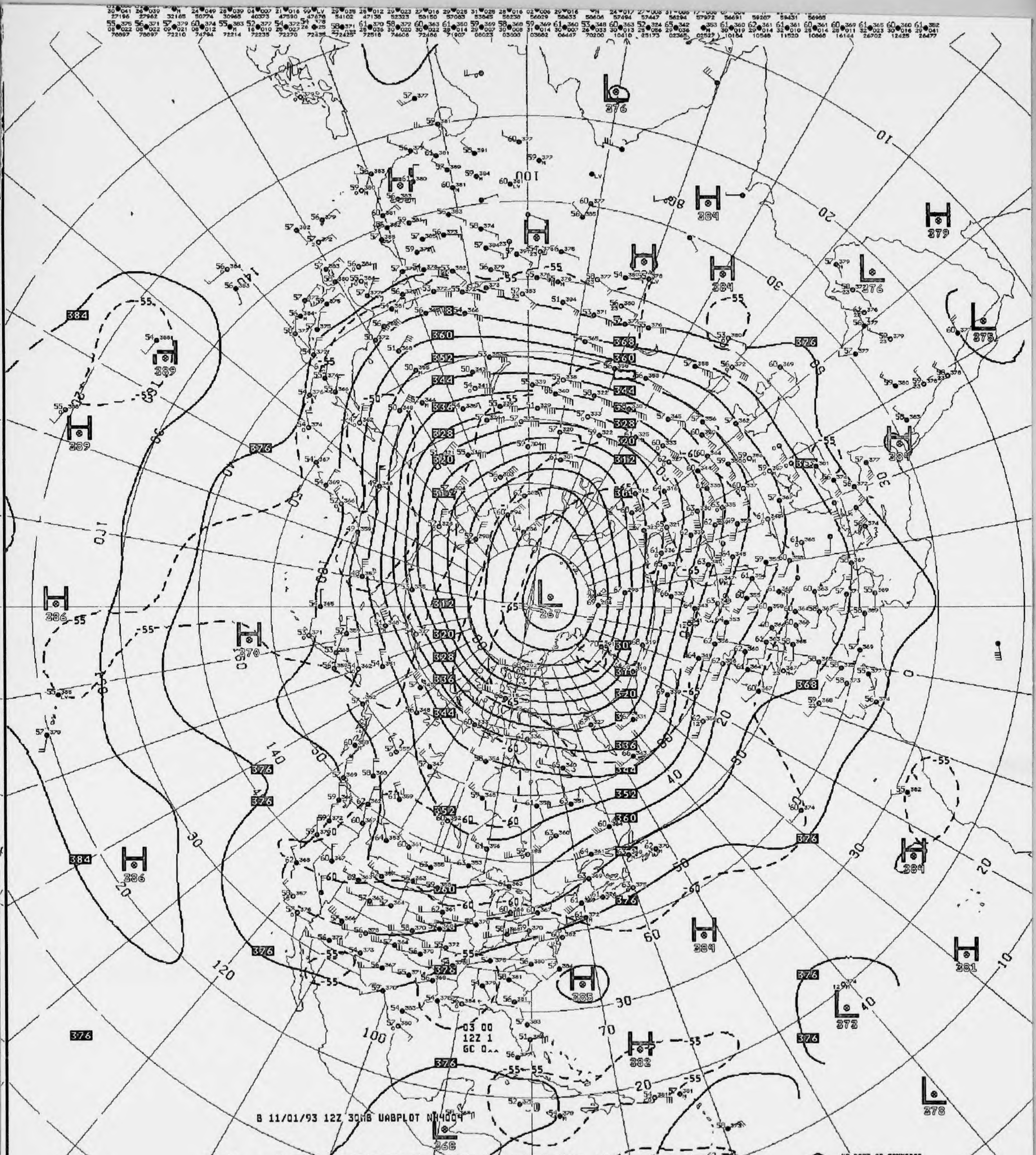
OAA Form 48 - 366D
Rev. 8 - 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

30 MB CONSTANT PRESSURE CHARTS

STRATOSPHERIC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING



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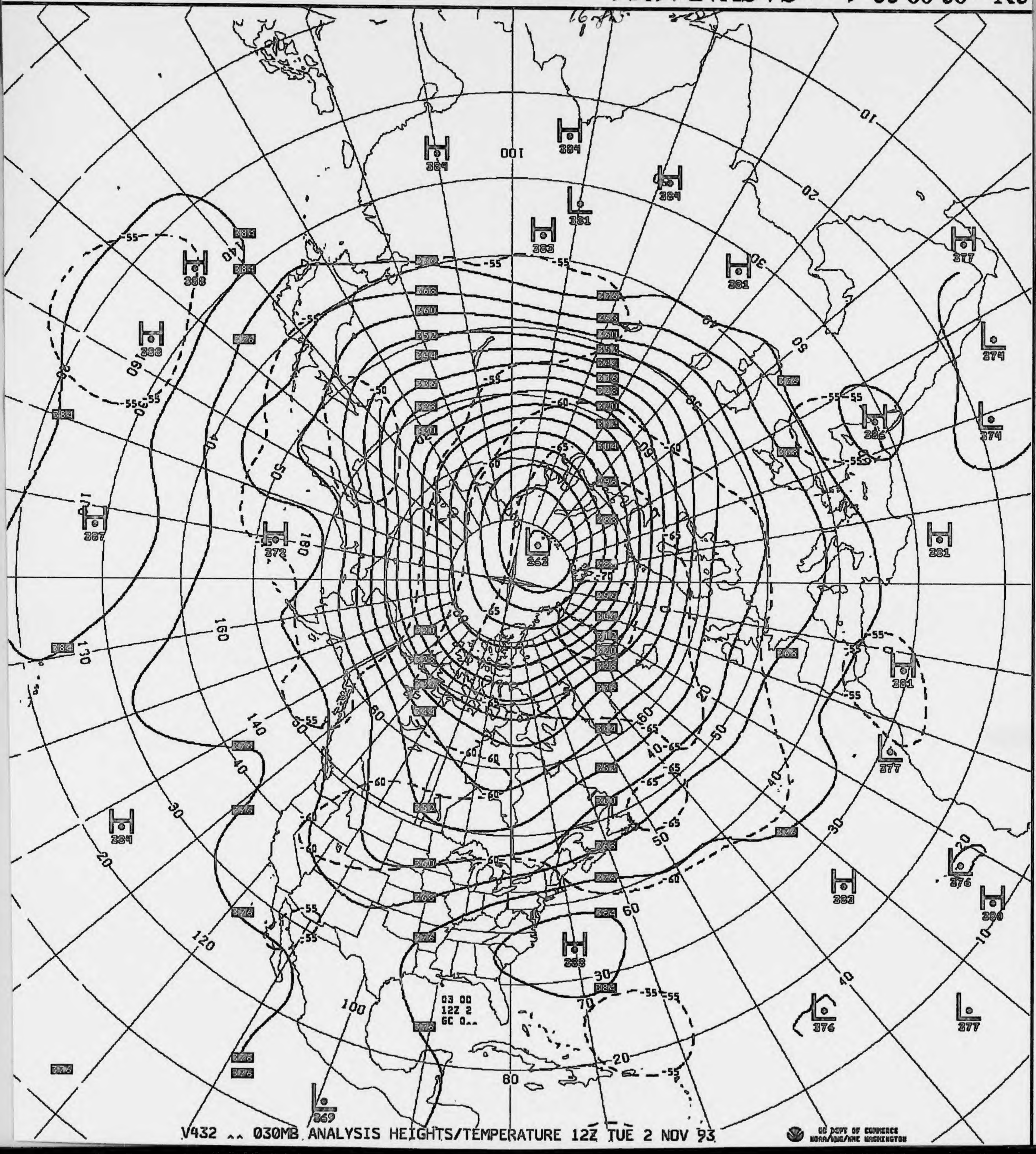
V432 .. 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 1 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

3Nov93 09:33 chart CACVAR1685 from panel@ipscom2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H 384
L 381
H 383
H 381
H 377
H 388
H 388
L 374
L 374
H 386
H 387
H 372
L 262
H 381
H 381
L 377
H 384
L 376
H 383
H 380
H 388
L 376
L 377
L 369
03 00
12Z 2
GC 0..
100
180
160
140
120
100
80
60
-55
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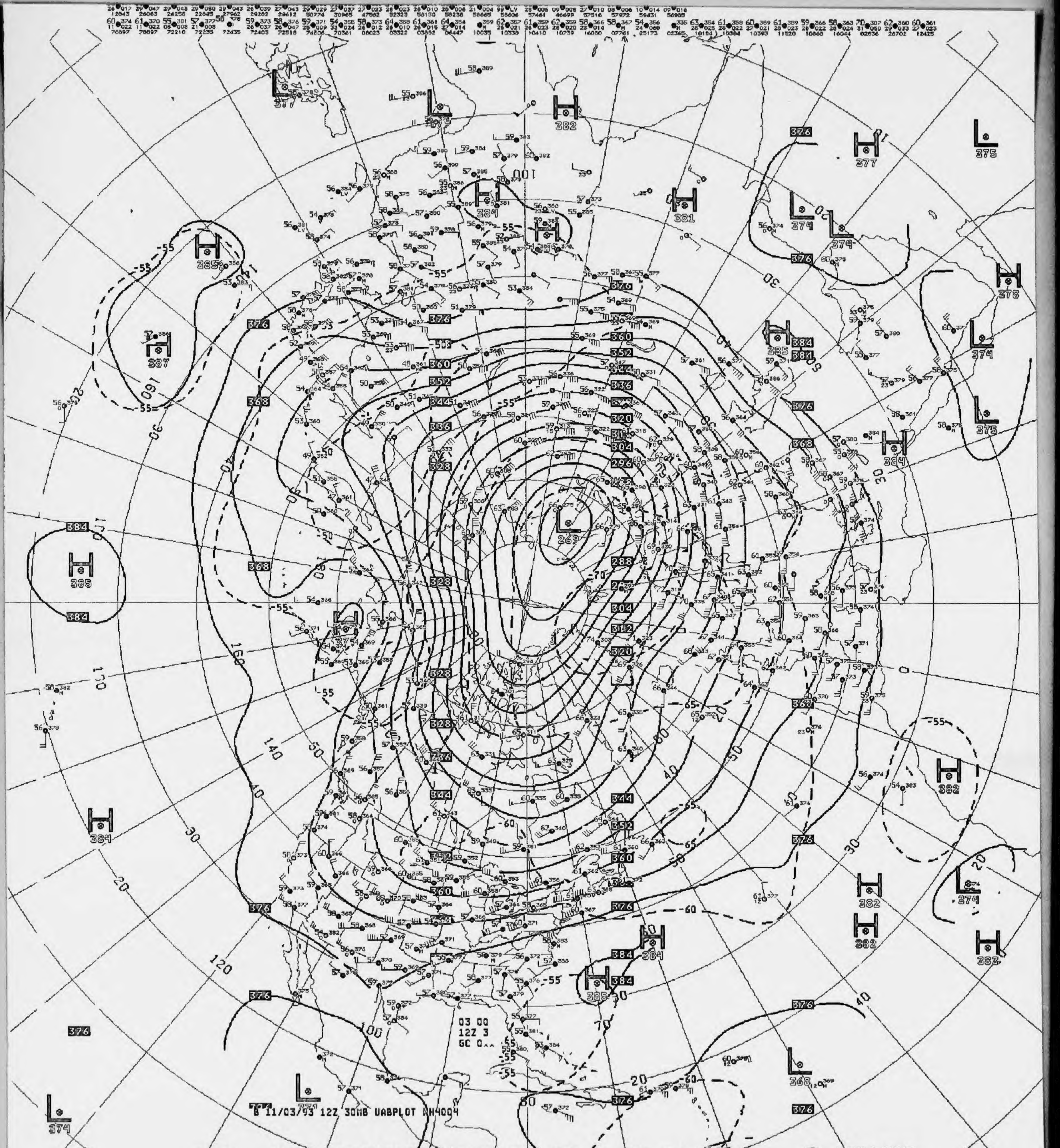
V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 2 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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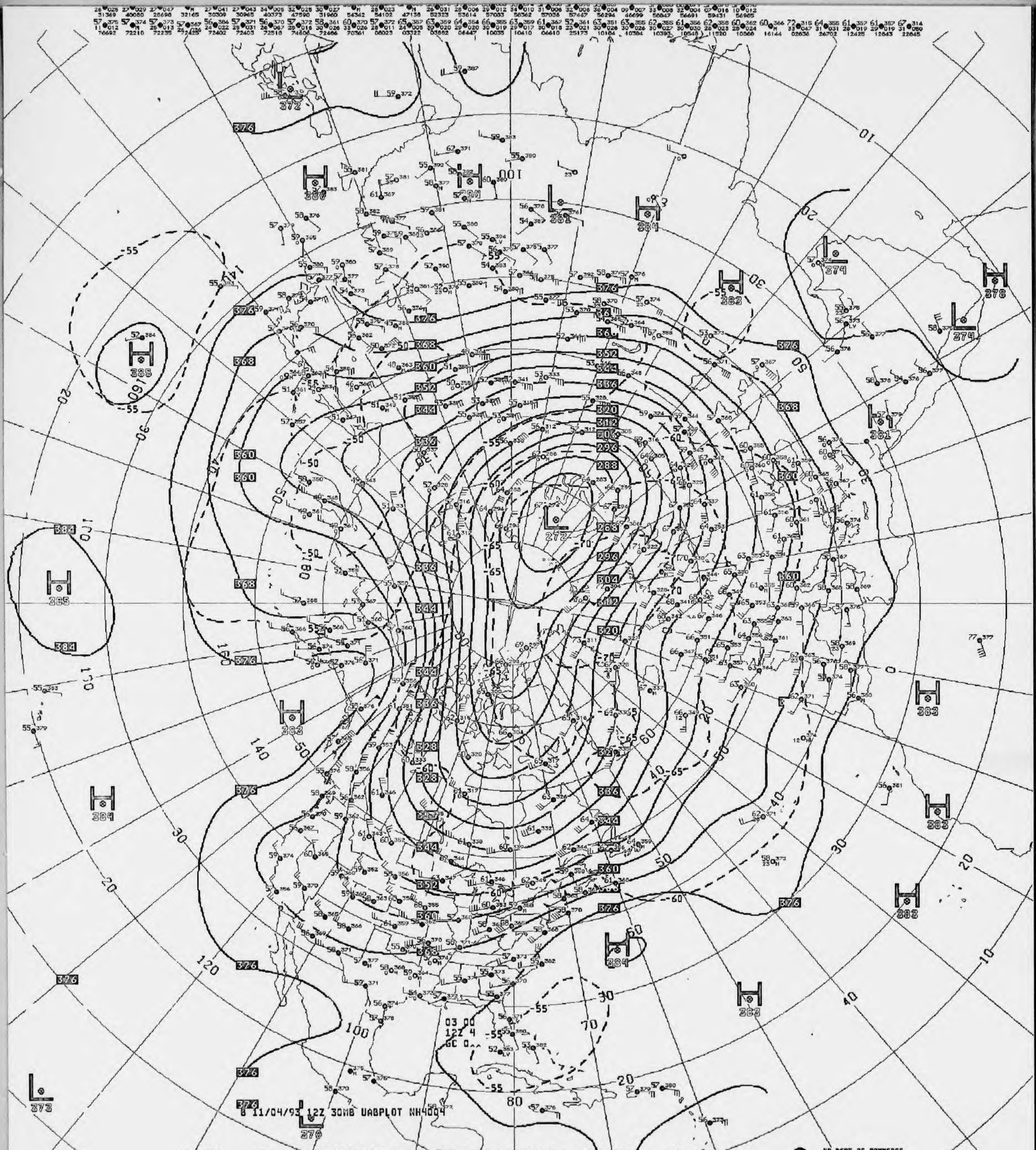
V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 3 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 385
H 385
H 384
H 383
H 380
H 384
H 383
H 383
H 383
H 384
H 383
H 378
H 381
L 381
L 374
L 274
L 372
L 373
L 370
376
368
360
352
344
336
328
320
312
304
296
288
268
-55
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-70
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20
30
40
50
60
70
80
90
100
120
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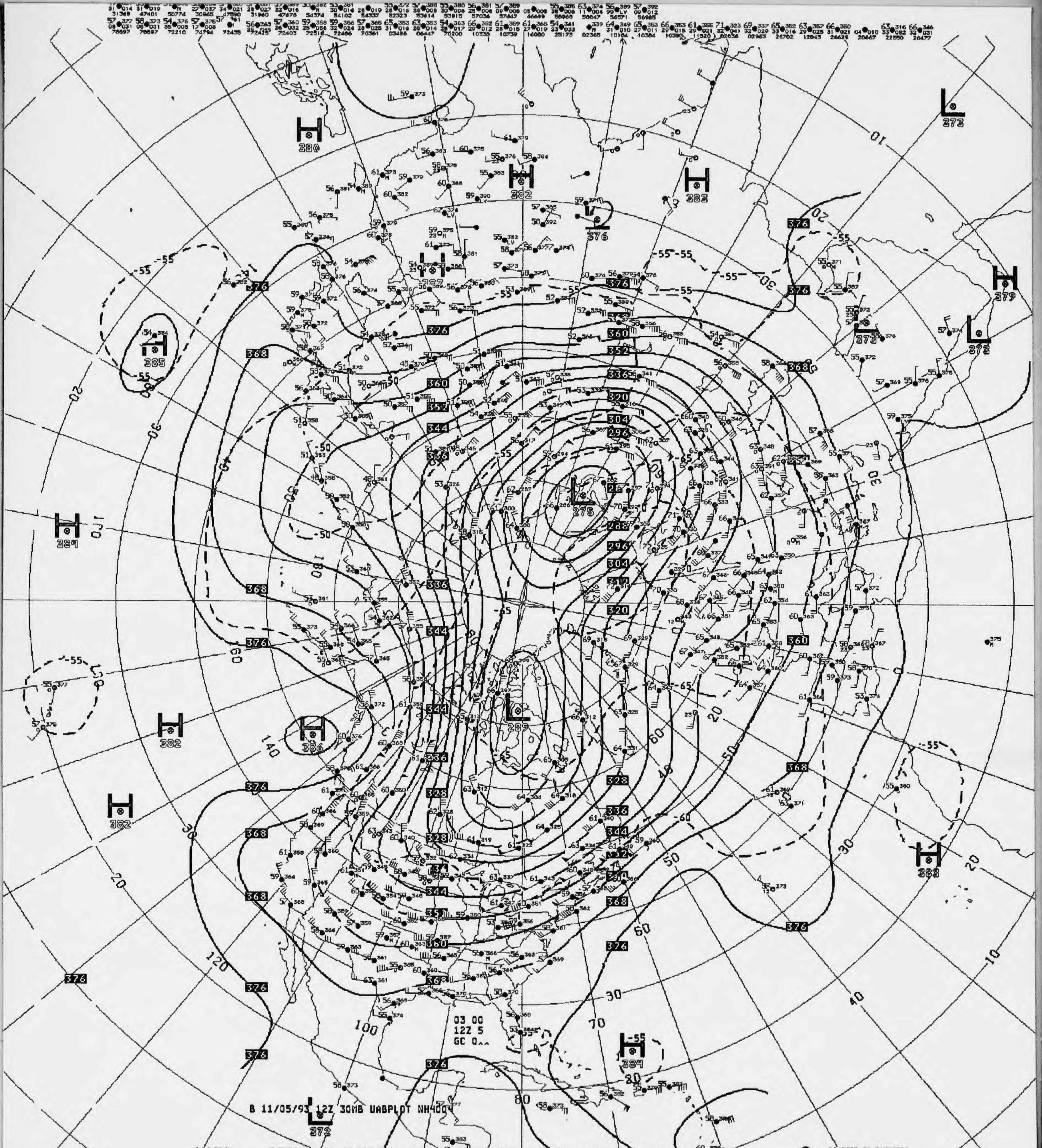
V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 4 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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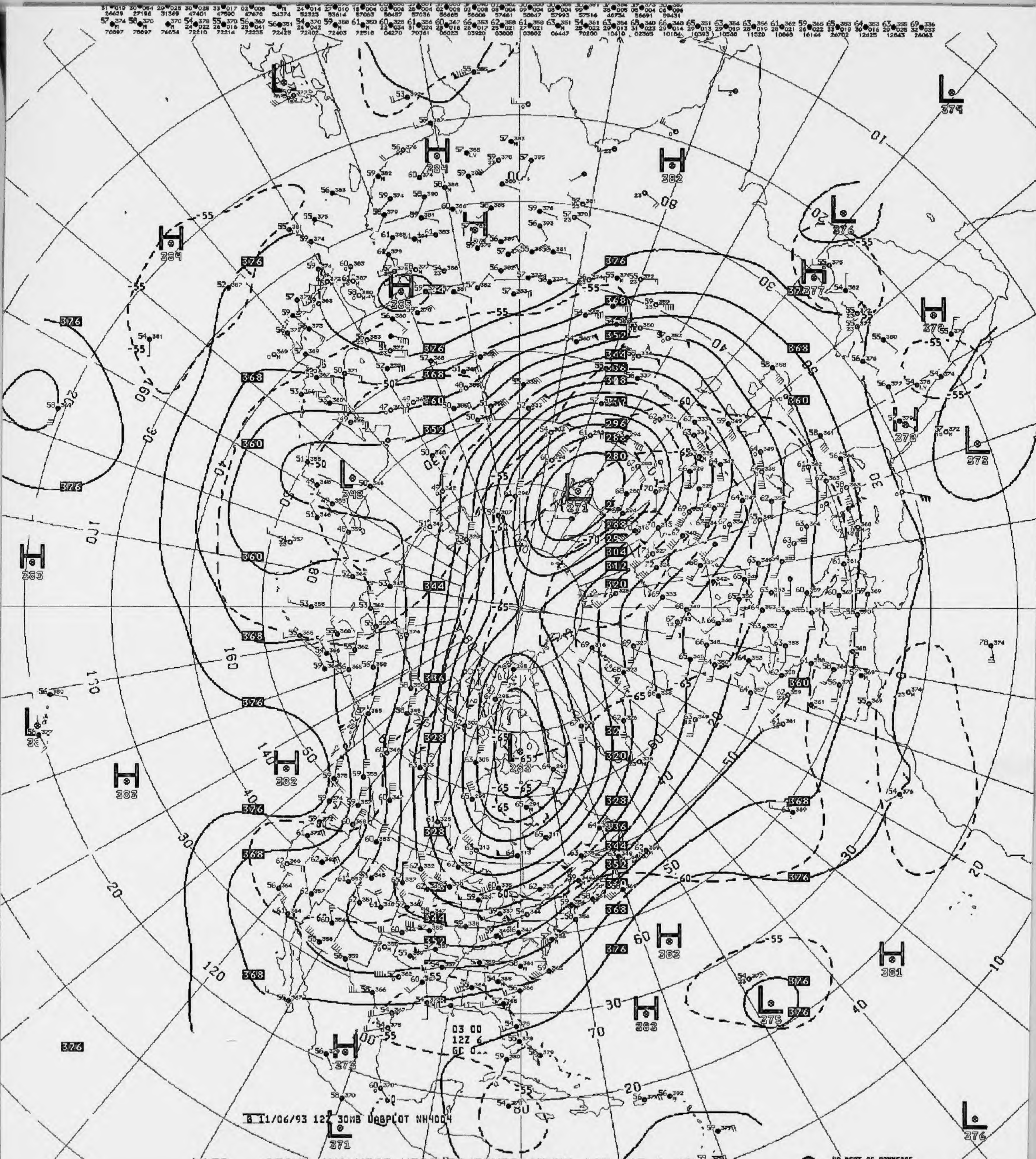
H 382
H 383
L 373
H 379
L 373
L 373
H 385
H 384
L 275
L 289
H 382
H 386
H 382
H 383
H 384
L 372
376
368
360
352
344
336
328
320
304
296
288
-55
-50
-65
-60
03 00
12Z 5
GC 0^^
B 11/05/93 12Z 30MB UABPLOT NH4004

V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 5 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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L 283
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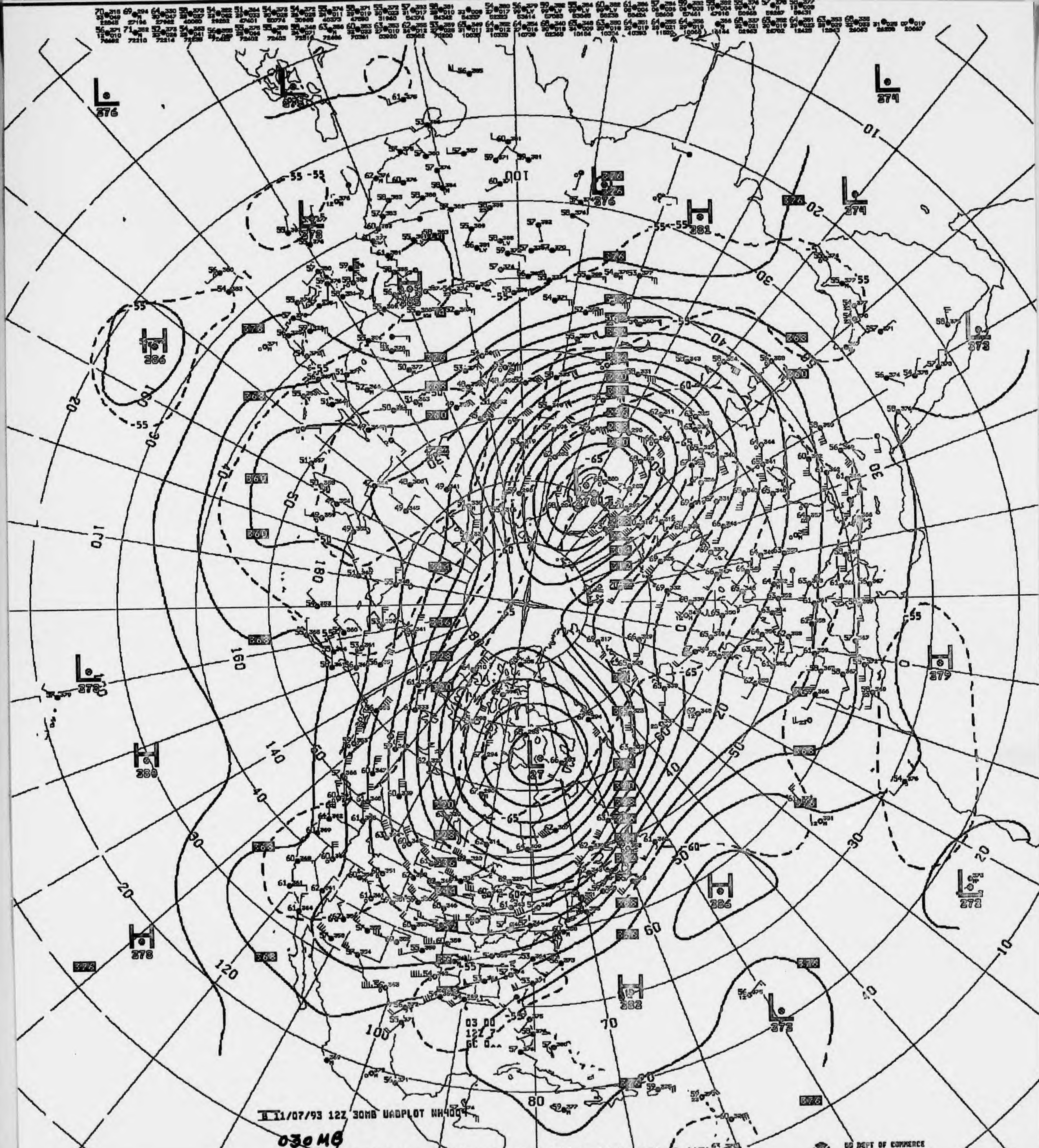
L 374
L 376
L 373
L 375
L 371
H 384
H 382
H 383
H 381
H 373
H 378
H 377
H 282
376
368
360
352
344
336
328
320
312
304
296
288
280
-55
-65
-50
-60
-70

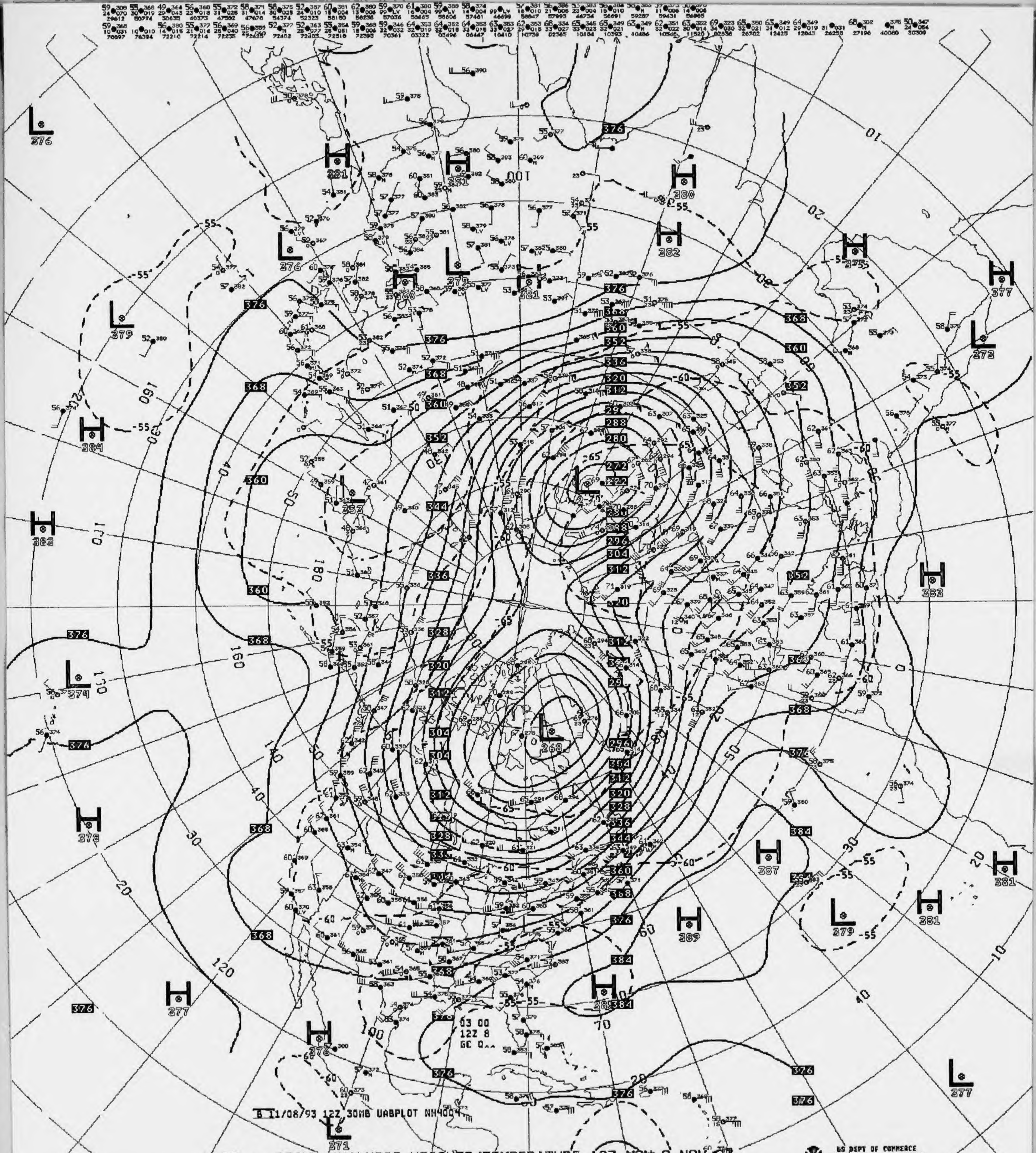
V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 6 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


11/07/93 12Z 30MB UABPLOT NH400
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

030 MB

030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 7 NOV 93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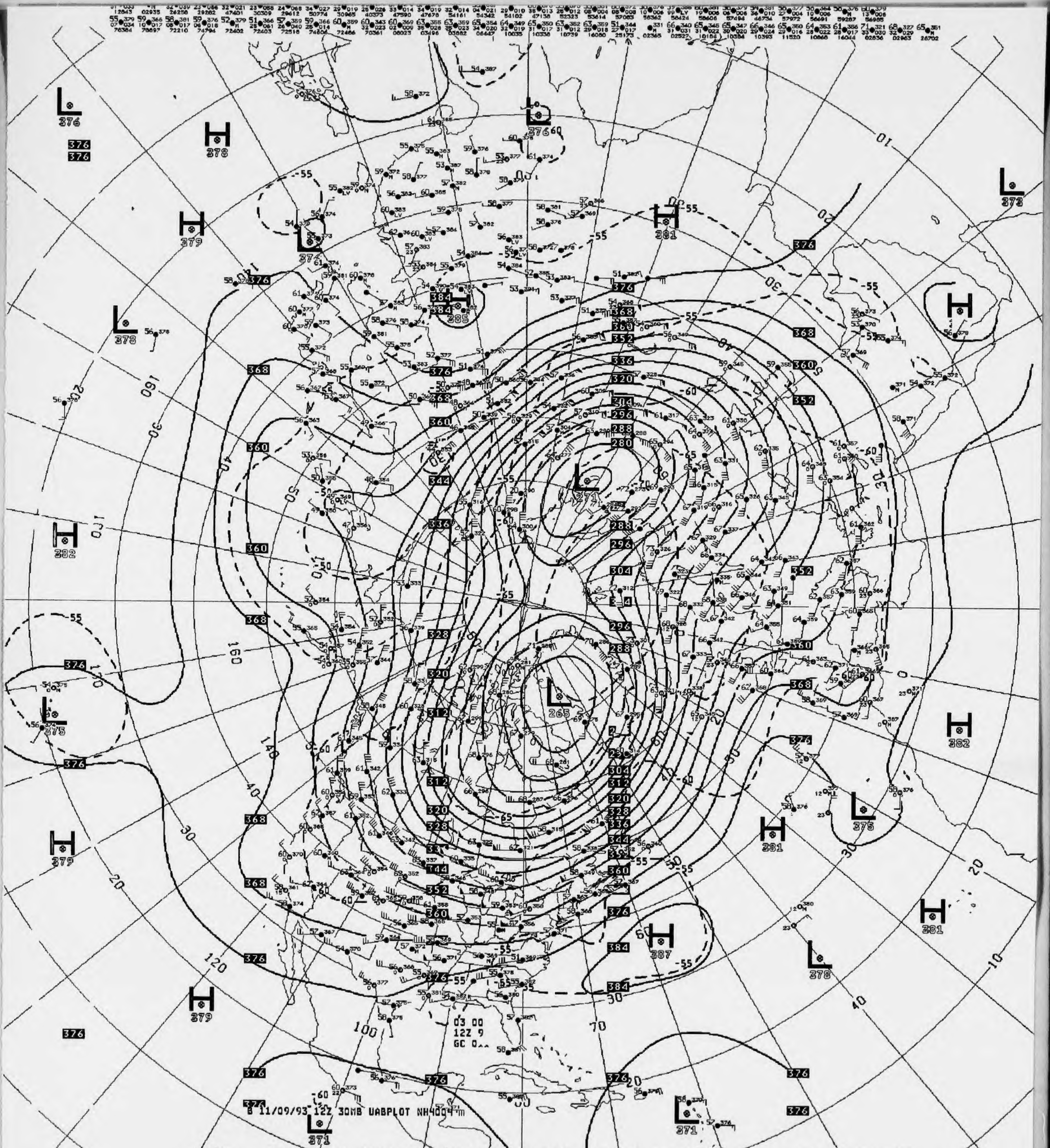
03 00
12Z 8
GC 0
100
376
368
360
352
344
336
328
320
312
304
296
288
280
272
268
-55
-60
-65
L
H

V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 8 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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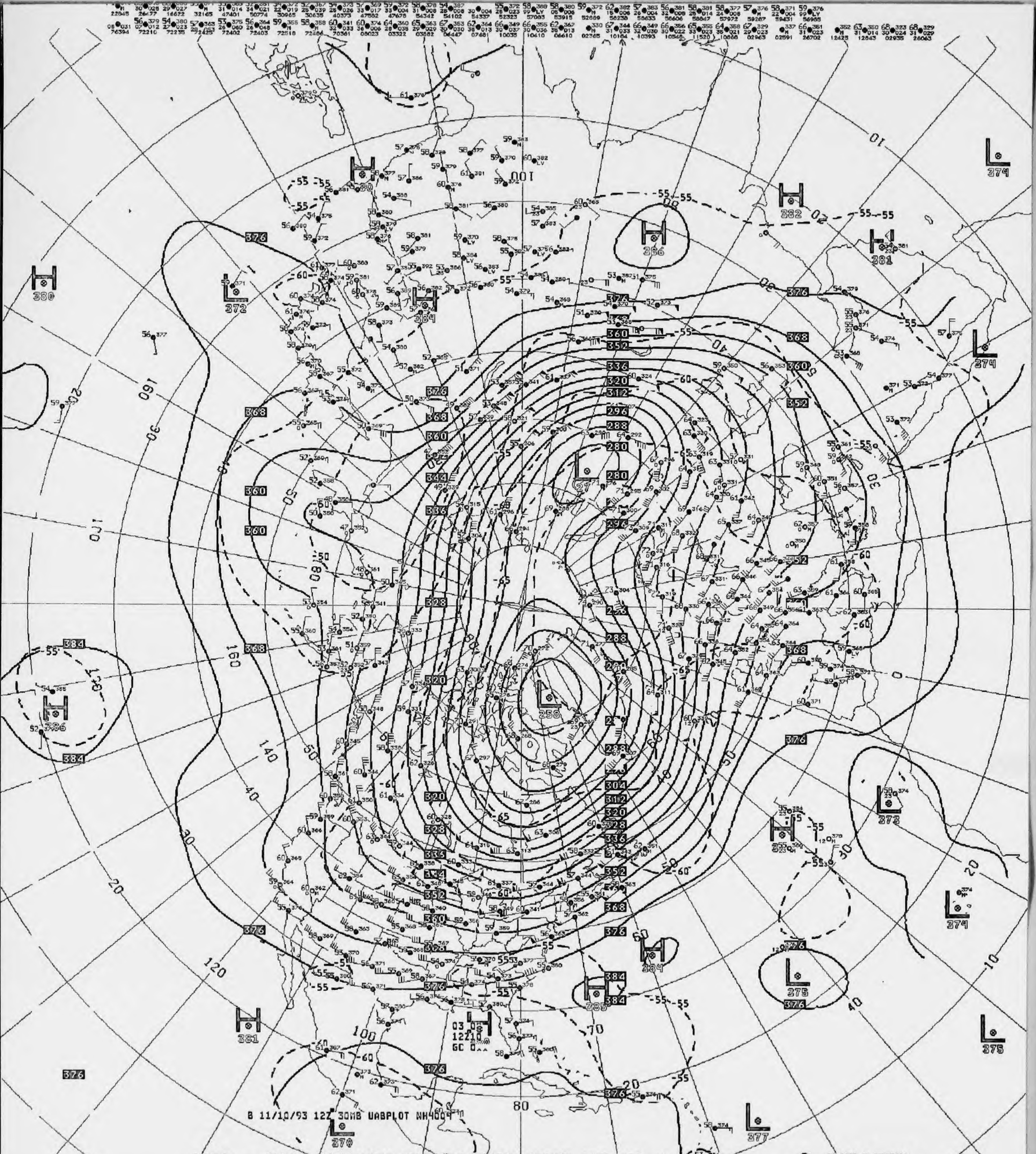
V432 .. 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 9 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/10/93 12Z 30MB UABPLOT NH4004
H
L
376
368
360
352
344
336
328
320
312
304
296
288
280
256
384
386
-55
-60
-65
160
140
120
100
80
170
180
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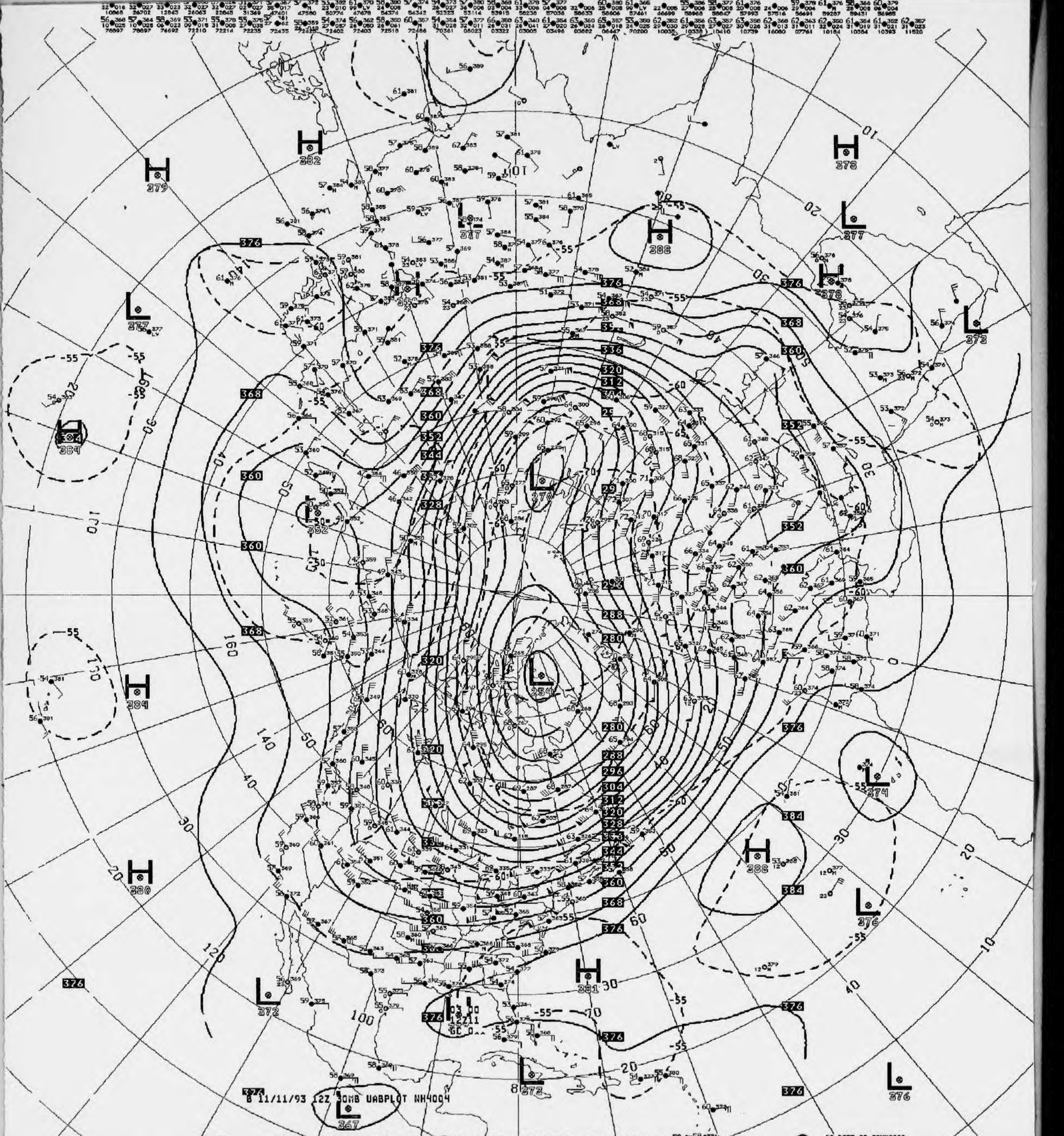
50

V432 .. 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 10 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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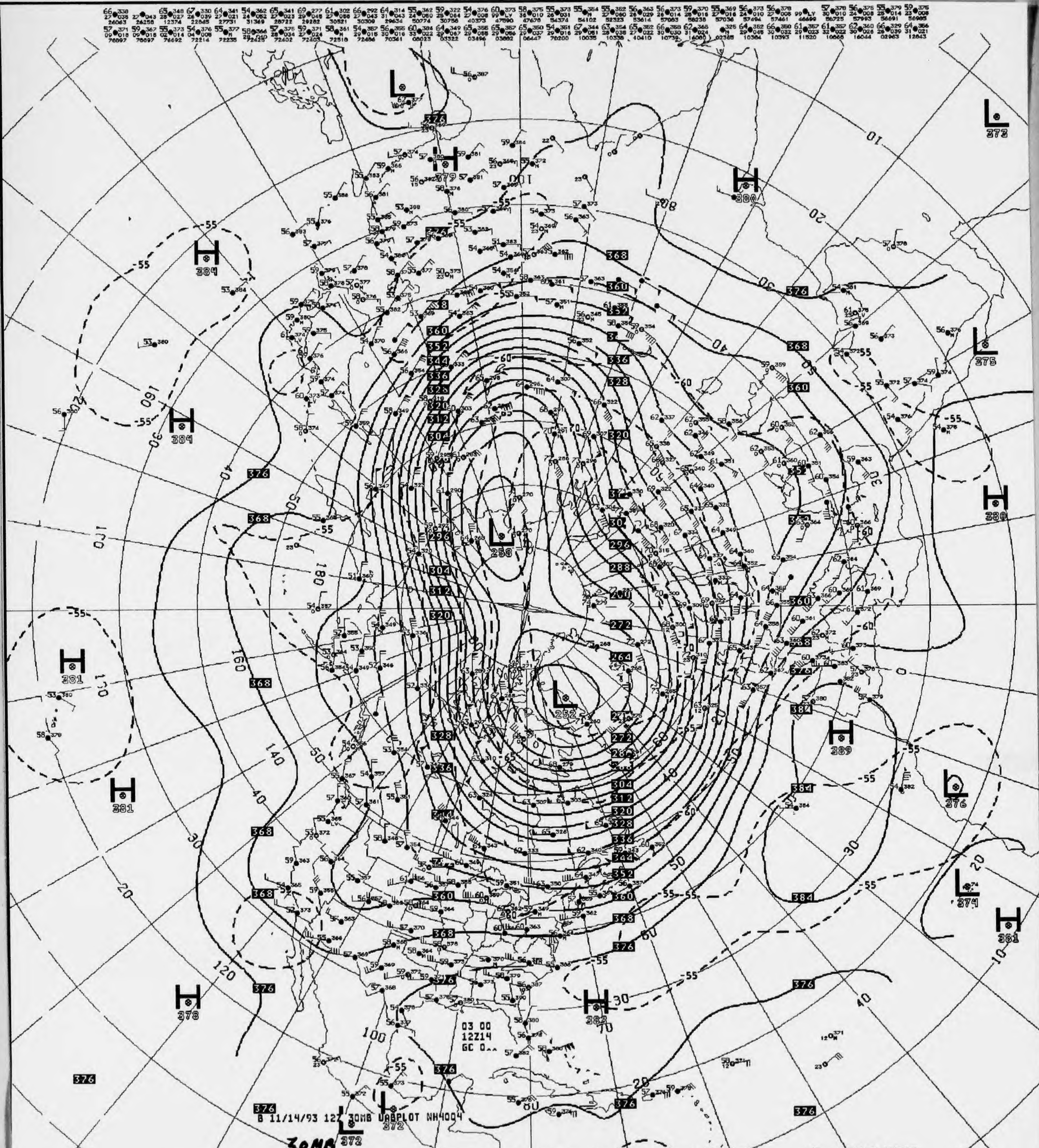
H 379
H 378
L 377
H 388
L 277
H 255
H 378
L 377
L 373
L 384
L 270
L 352
L 254
H 384
L 374
H 388
H 380
L 376
H 381
L 372
L 373
L 376
L 367
B 11/11/93 12Z 30MB UABPLOT NH4004

V432 .. 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 11 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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03 00
12Z14
GC 0..
L 258
L 252
L 372
L 272
L 275
L 374
L 376
H 384
H 384
H 381
H 381
H 378
H 379
H 380
H 380
H 389
H 382
H 381
376
368
360
352
344
336
328
320
312
304
296
288
280
272
264
-55
-60
-65
-70
10
20
30
40
50
60
70
80
100
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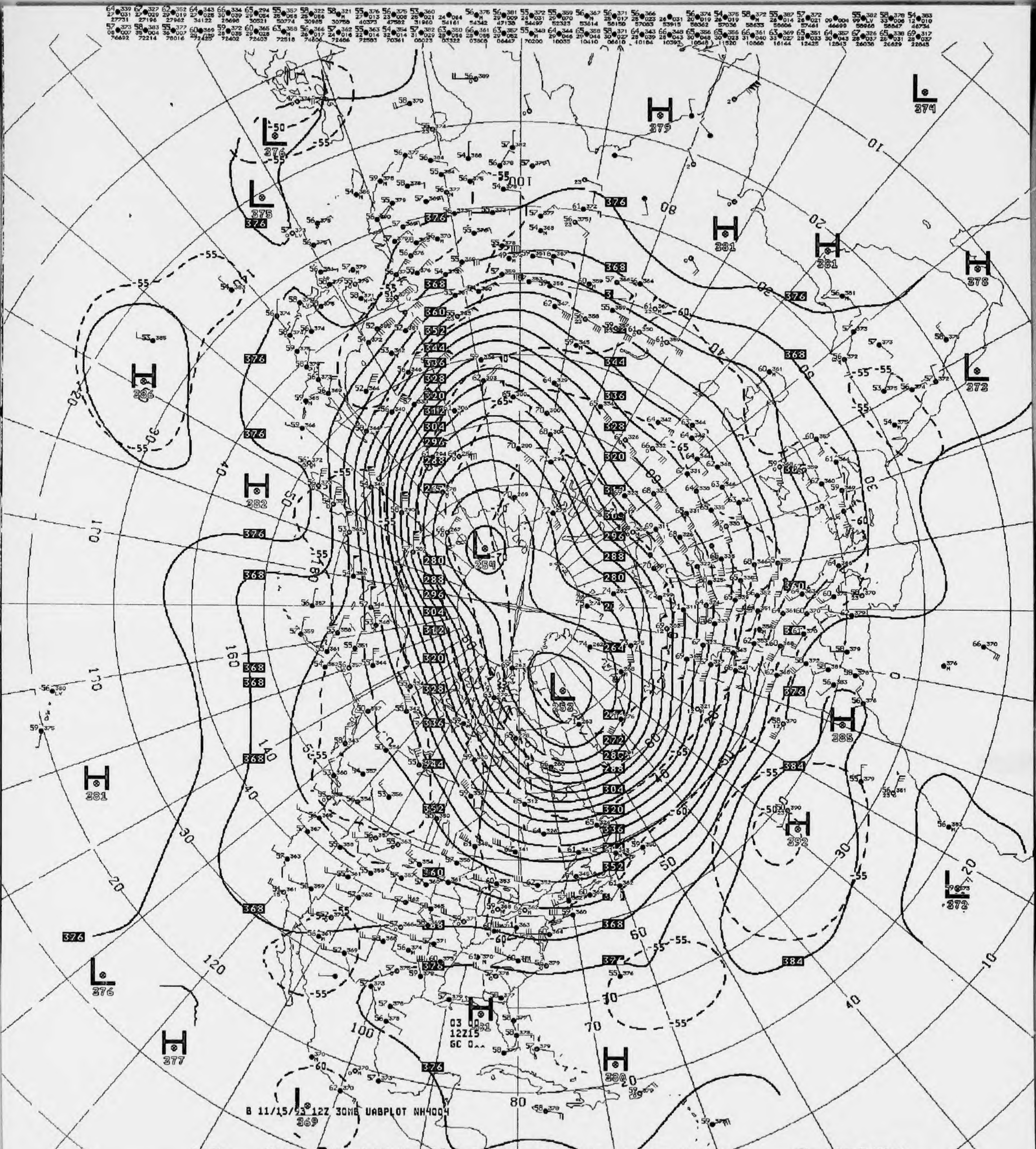
140
160
180

30MB

V432 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 14 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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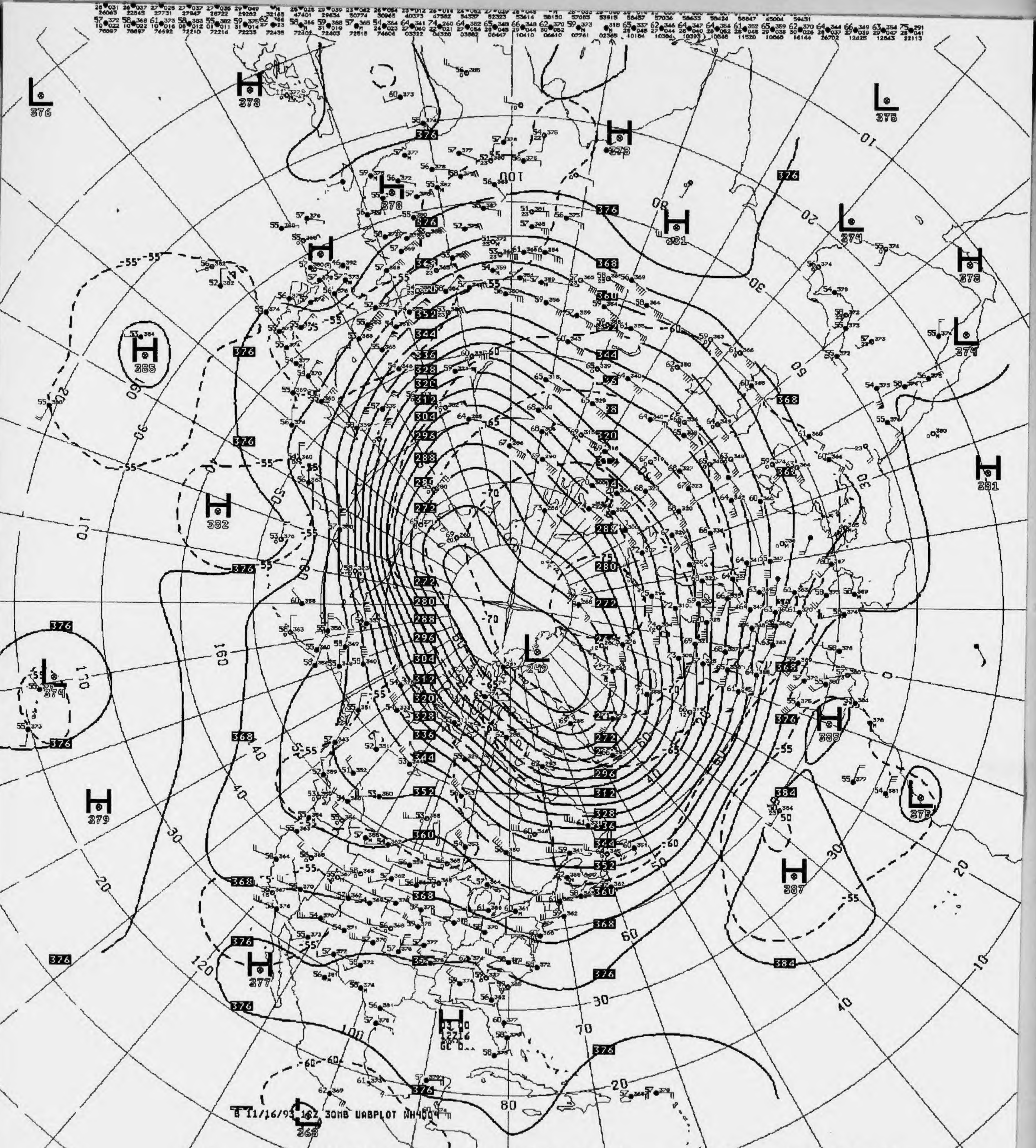
GC 0^^

V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 15 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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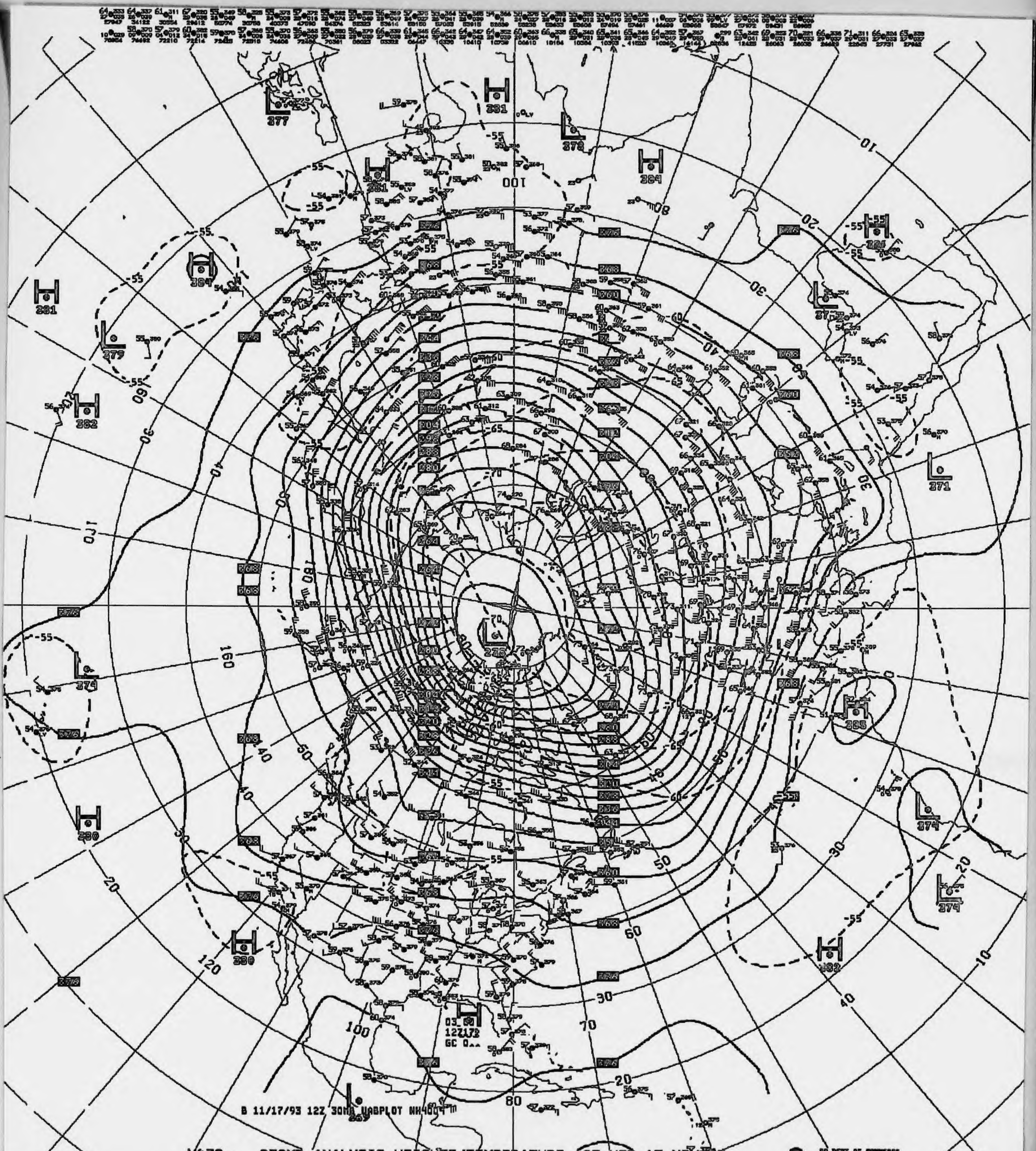
L 249
H 385
H 387
H 381
H 382
H 379
H 377
L 374
L 375
L 376
L 368

V432 .. 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 16 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/17/93 12Z 30MB UABPLOT NH4004
H 381
L 377
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H 384
H 381
L 379
H 382
L 371
L 374
H 385
L 374
L 374
H 380
H 380
H 382
L 235
L 367
H 381
-55
-60
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60
50
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30
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10
120
140
160
170
180
03 80
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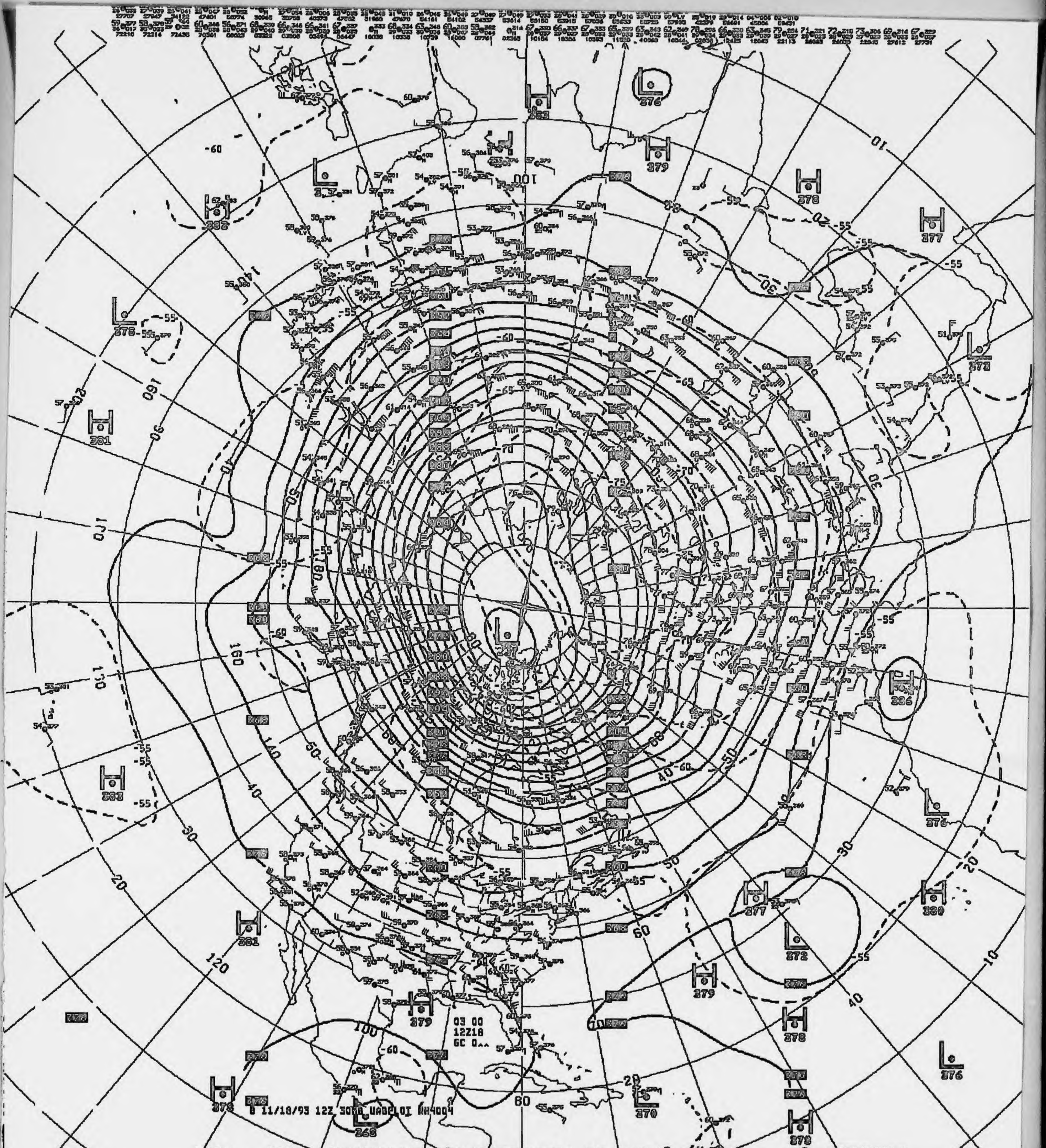
GC 0

V432 .. 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 17 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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6C 0^^
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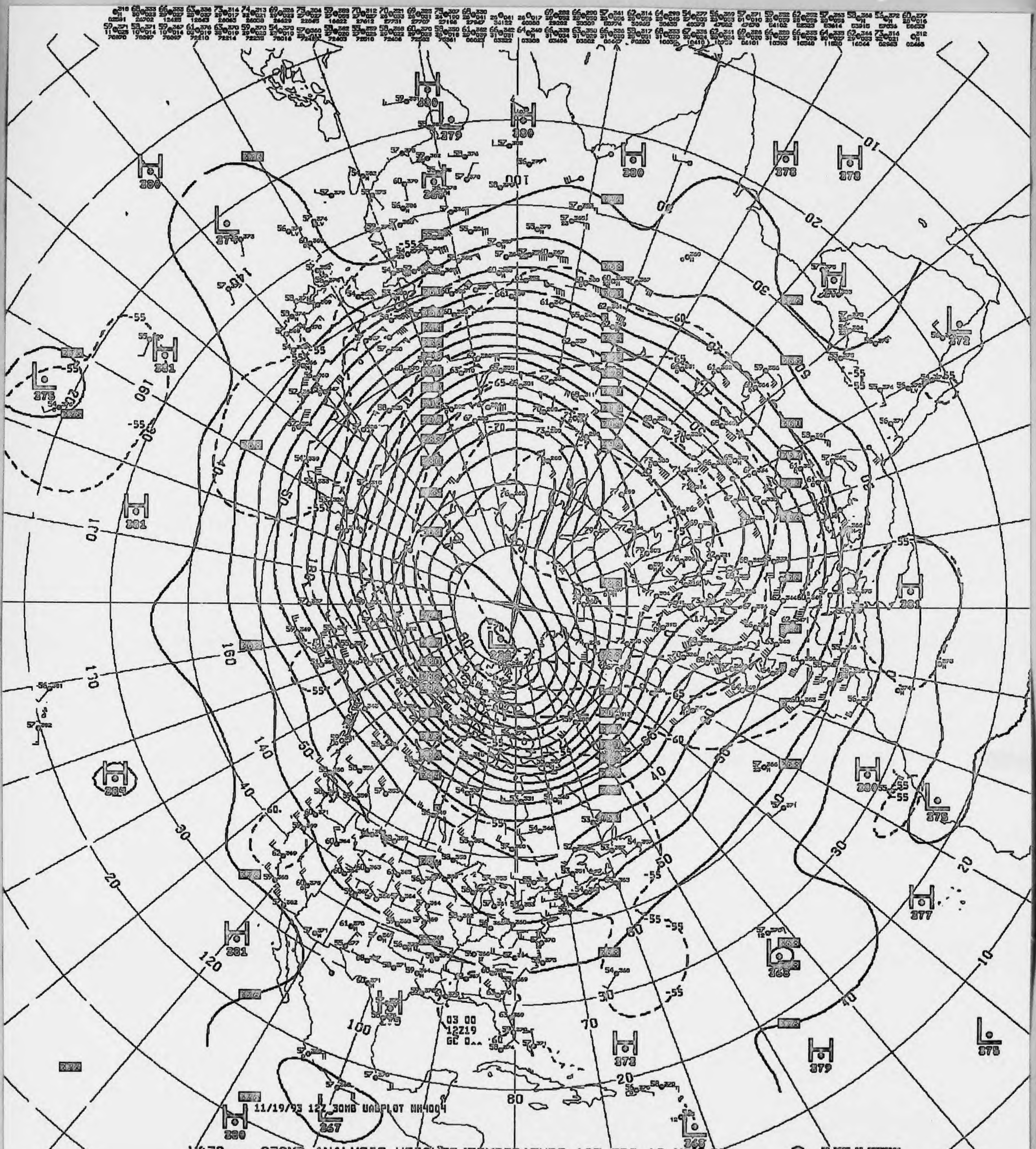
V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 18 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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12Z19
GC 0..
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L 279
H 380
H 380
H 378
H 378
L 373
H 381
L 375
H 381
L 372
H 381
L 275
H 384
H 380
L 375
H 377
H 381
L 366
H 379
H 373
H 379
L 378
H 380
L 367
L 366
100
10
20
30
40
50
60
70
80
90
120
130
140
150
160
170
180
-55
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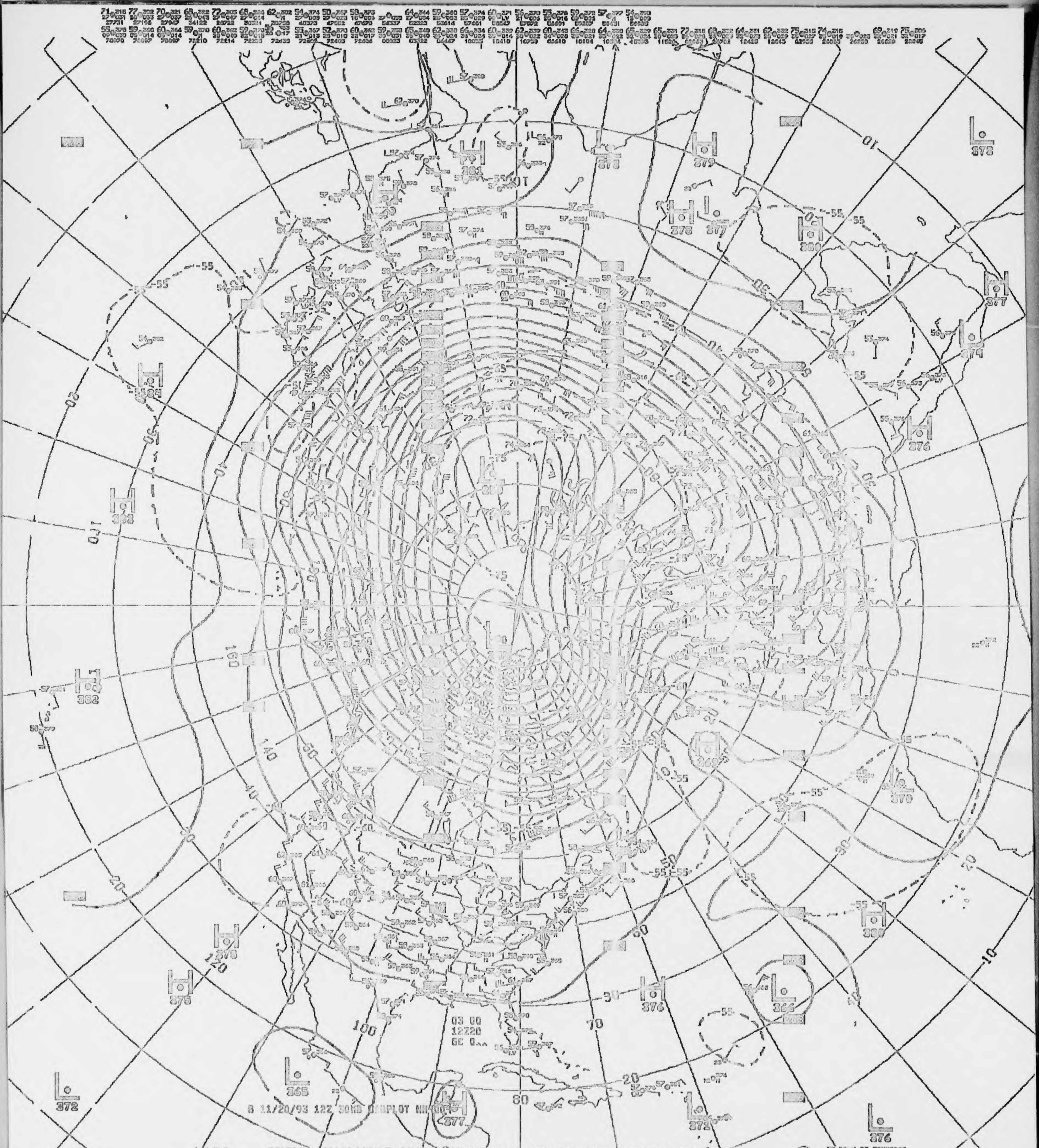
-65
-70

V432 .. 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 19 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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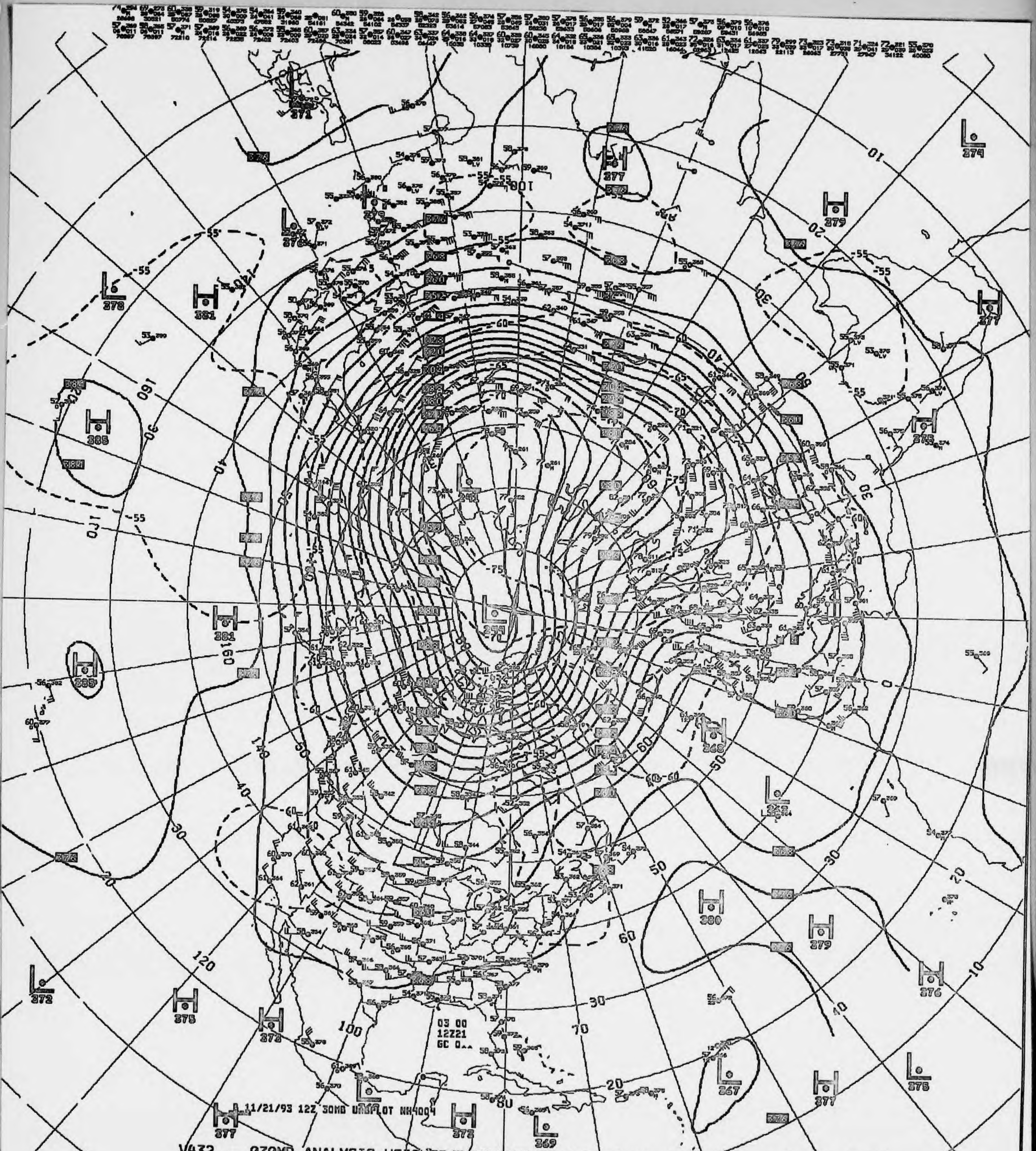
120
140
160
170
-55
H 381
L 378
H 379
H 378
L 377
H 380
H 377
L 374
H 376
H 383
H 382
L 380
H 369
L 370
H 380
L 366
H 376
H 378
H 376
L 365
L 372
H 377
L 371
L 376

V432 .. 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 20 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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GC 0..
H
381
L
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388
H
377
L
271
H
279
L
274
H
380
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379
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367
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377
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375
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373
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369
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377
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375
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372
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378
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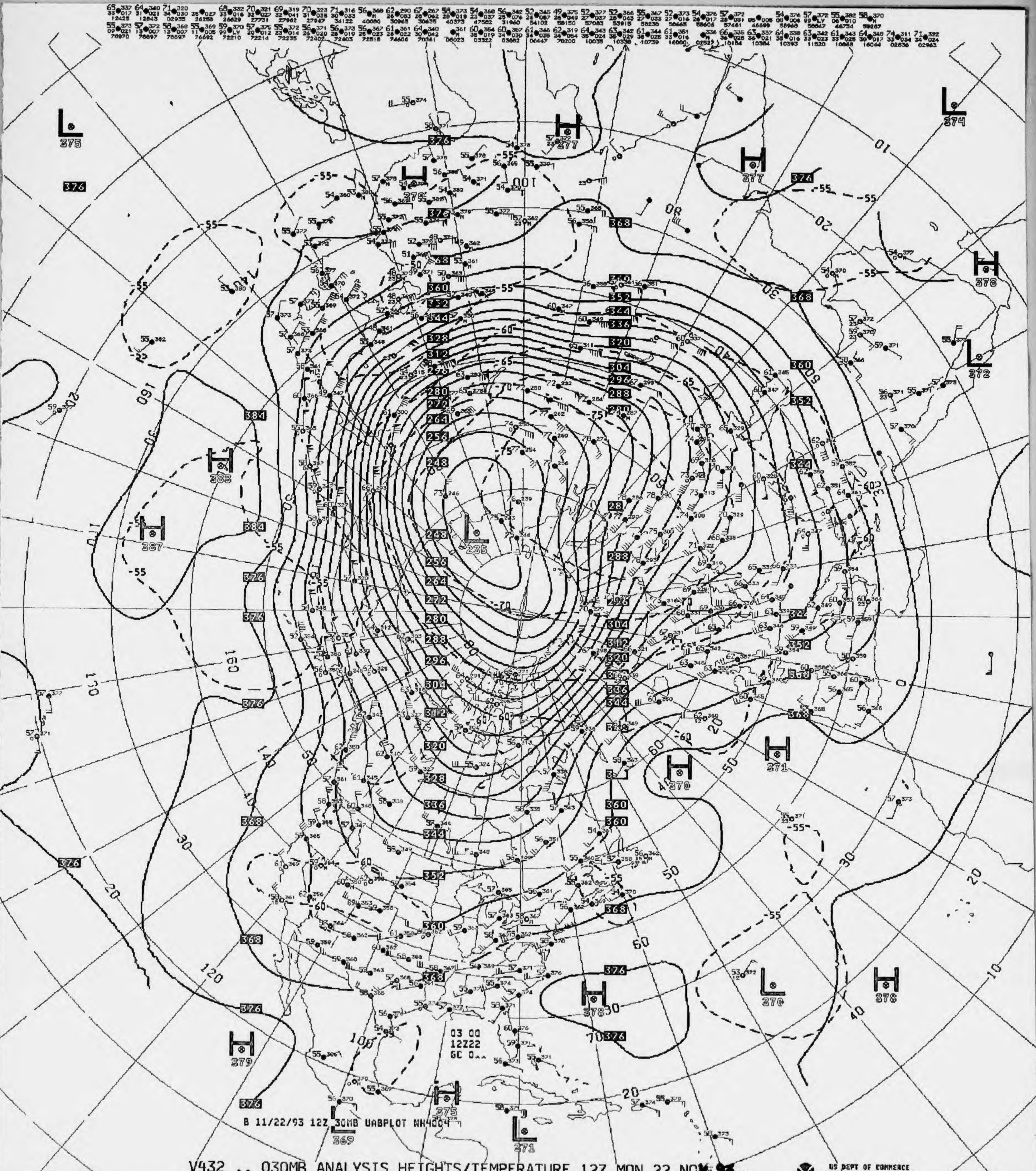
368

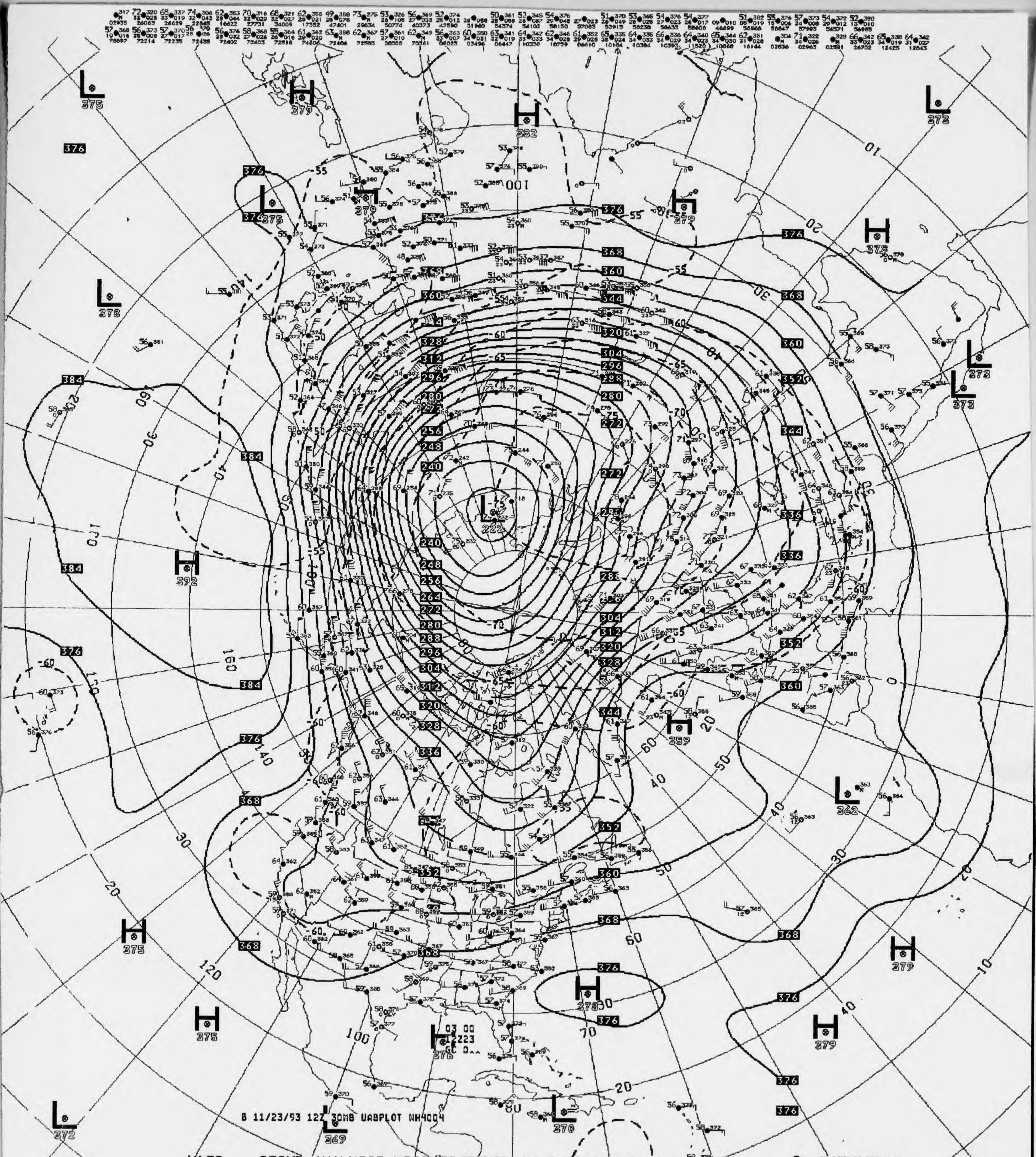
V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 21 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


03 00
12Z22
GC 0..
B 11/22/93 12Z 30MB UABPLOT NH4004
L 235
L 375
L 374
L 372
L 370
L 369
L 371
H 377
H 378
H 388
H 387
H 371
H 370
H 378
H 279
H 275

V432 .. 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 22 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 379
H 382
L 375
L 372
L 378
H 379
H 378
L 373
L 373
H 392
L 222
H 359
L 362
H 375
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H 376
H 378
H 379
H 379
L 372
L 369
L 370
376
384
368
360
352
344
336
328
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296
288
280
272
264
256
248
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-55
-60
-65
-70
-75
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20
30
40
50
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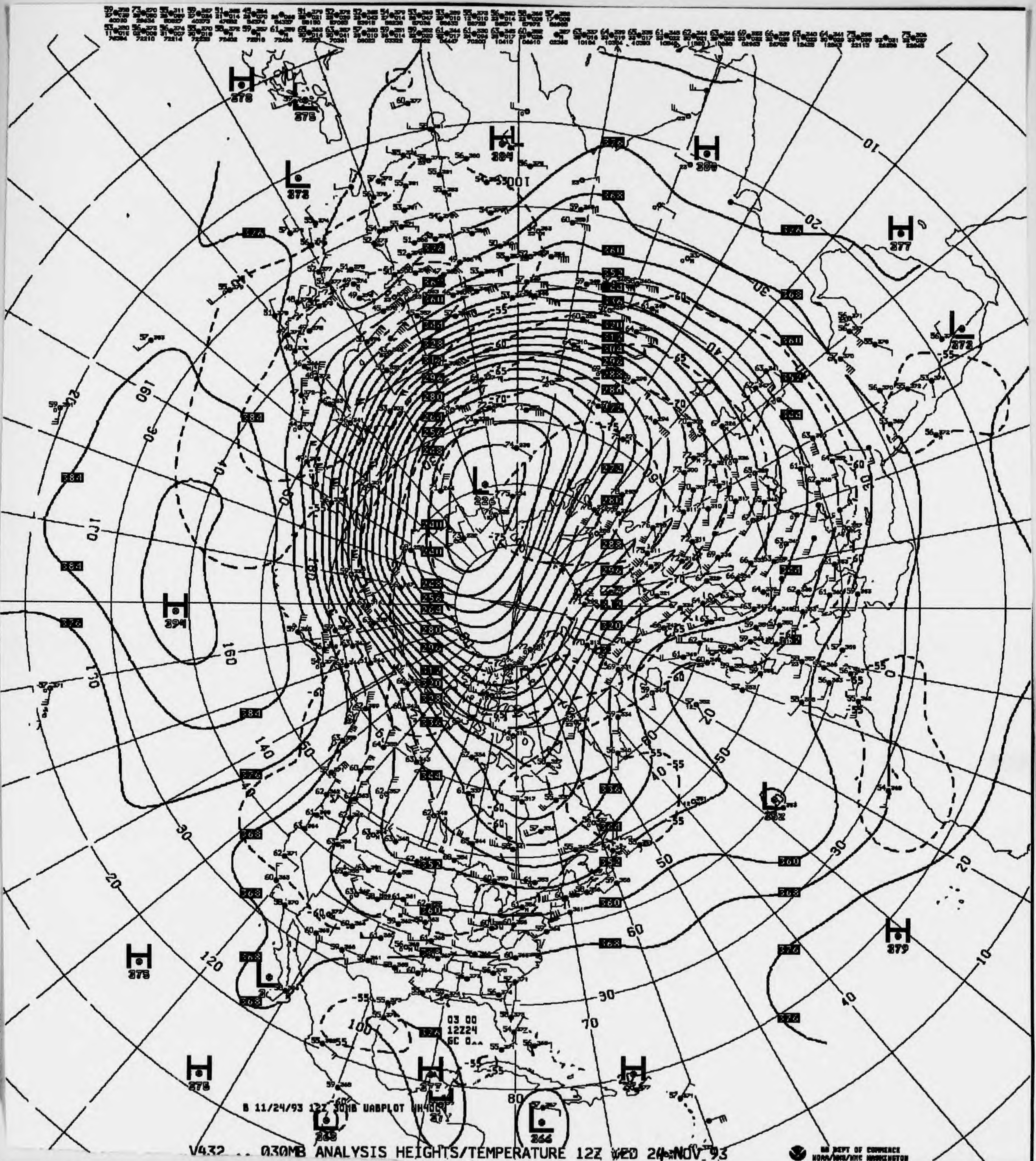
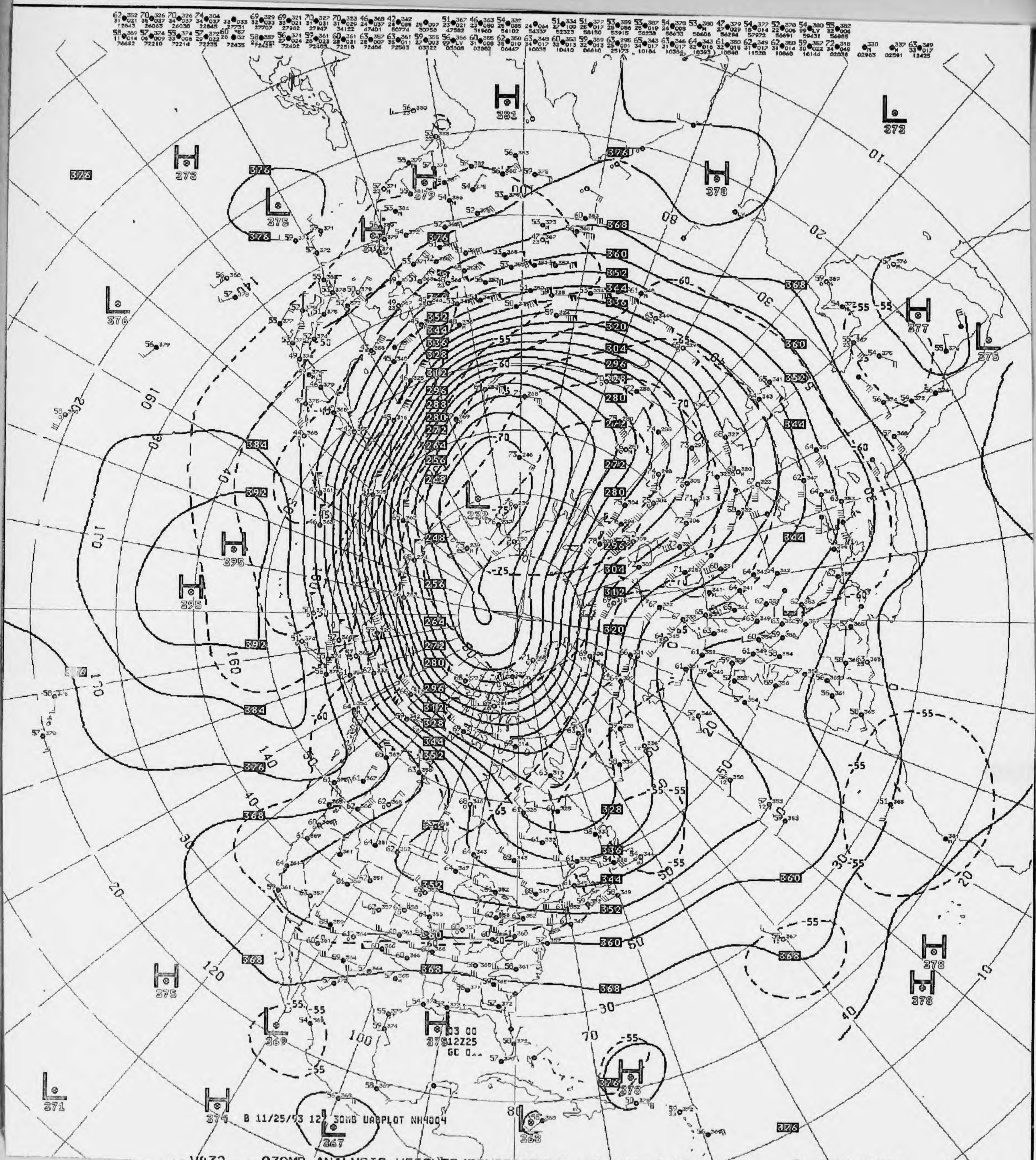
70
80
100
120
140
160
03 00
12Z23
B 11/23/93 12Z 30MB UABPLOT NH4004

V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 23 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON





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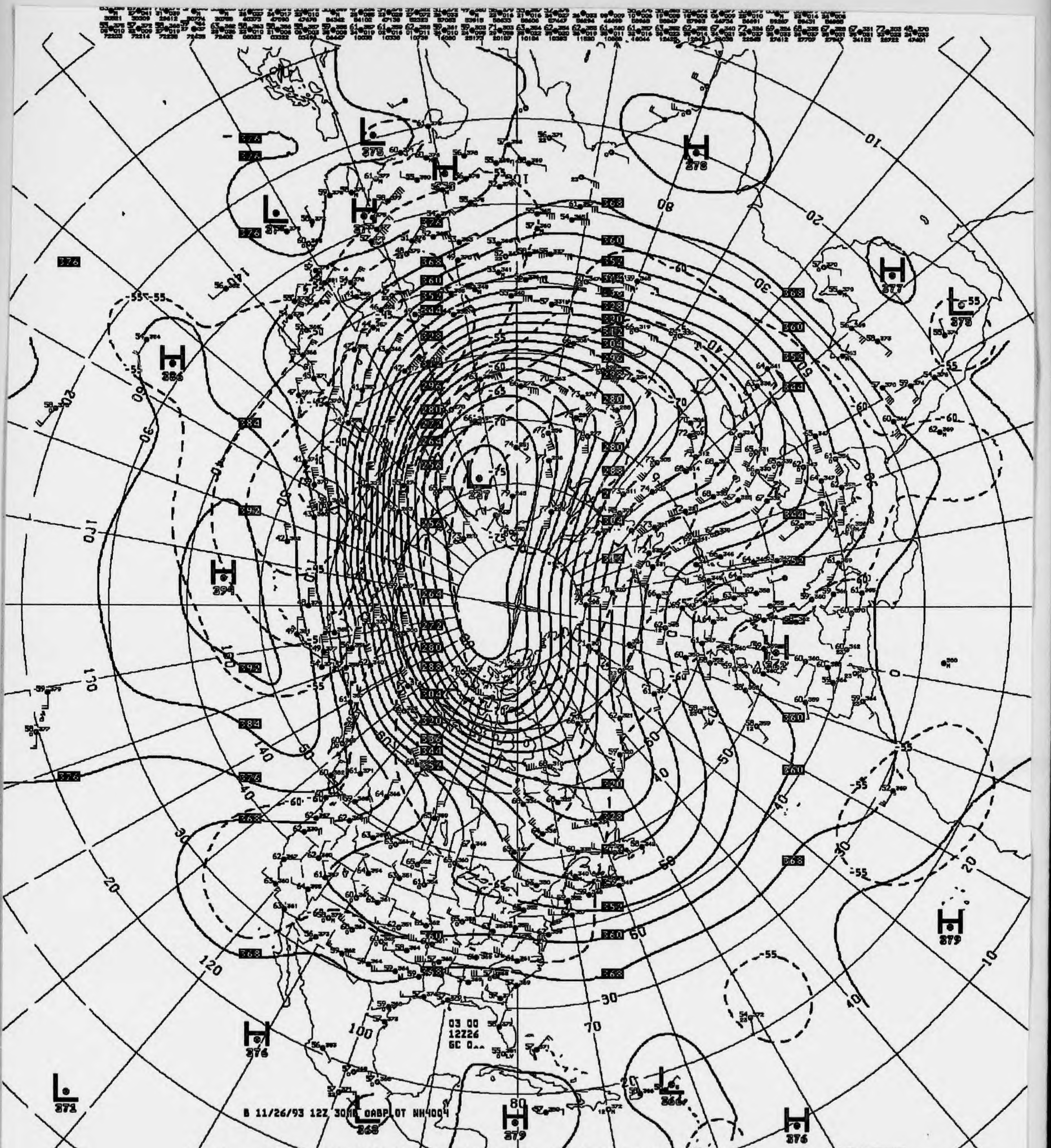
H 381
L 373
H 378
L 375
H 395
L 232
H 377
L 367
H 374
L 371
03 00 12Z25

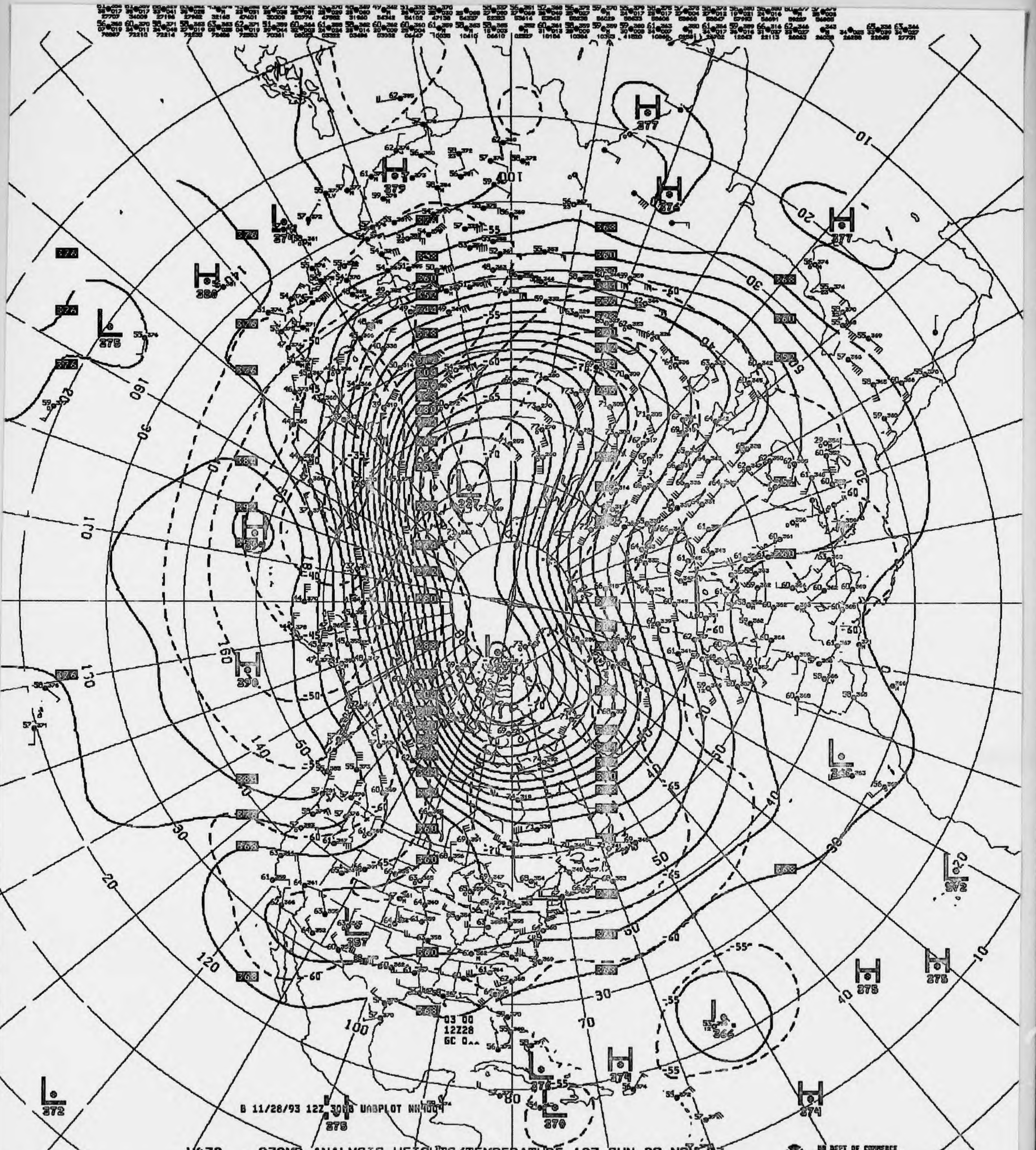
V032 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 25 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 11/26/93 12Z 30MB OABPLOT NH4004
03 00
12Z26
GC 0..
L 237
H 386
H 394
H 278
H 277
L 375
H 379
H 376
L 371
L 368
H 379
L 366
H 376

V432 .. 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 26 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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GC 0..
H
L
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80
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120
130
140
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170
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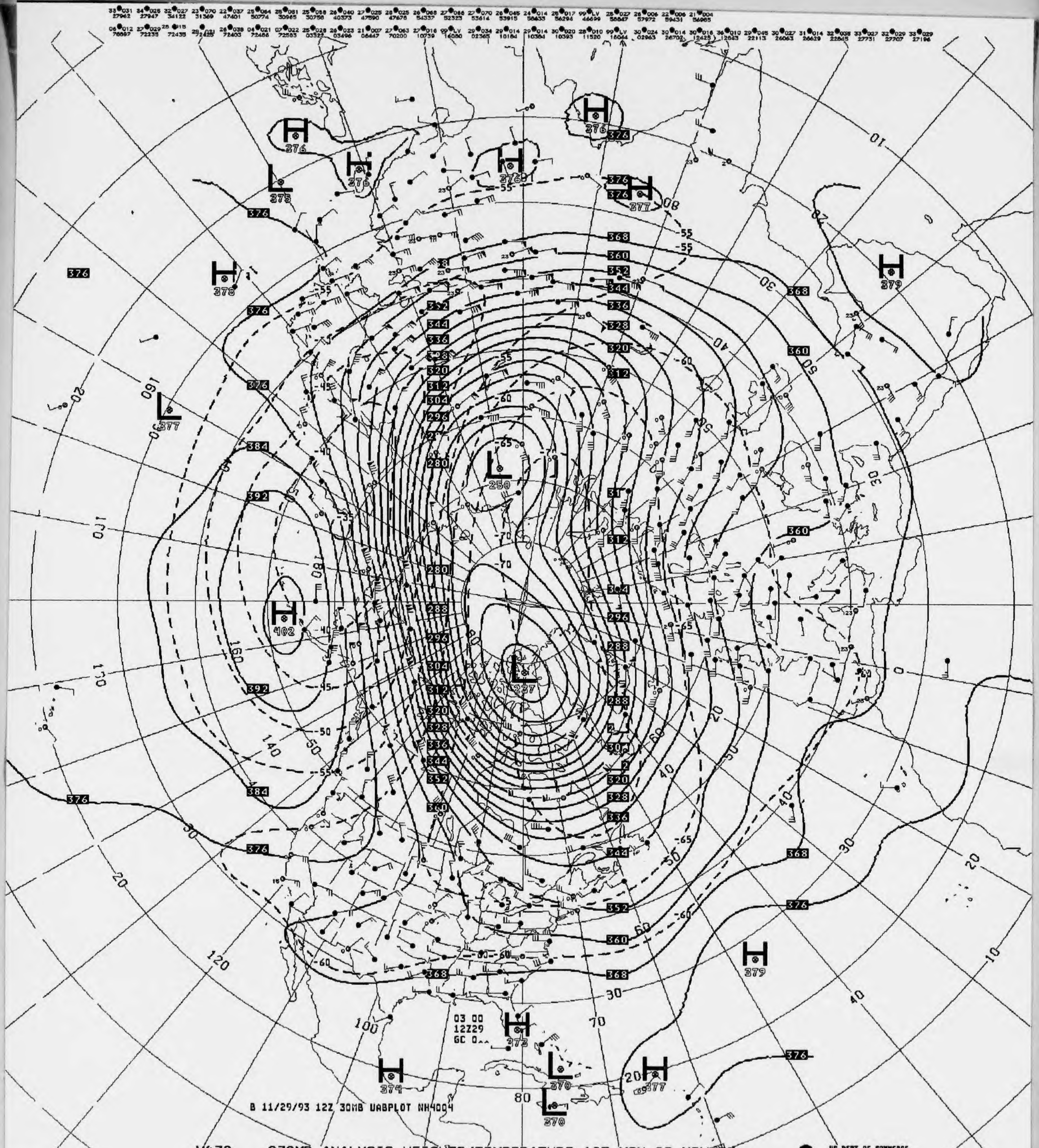
V432 .. 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 28 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 377
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L 237
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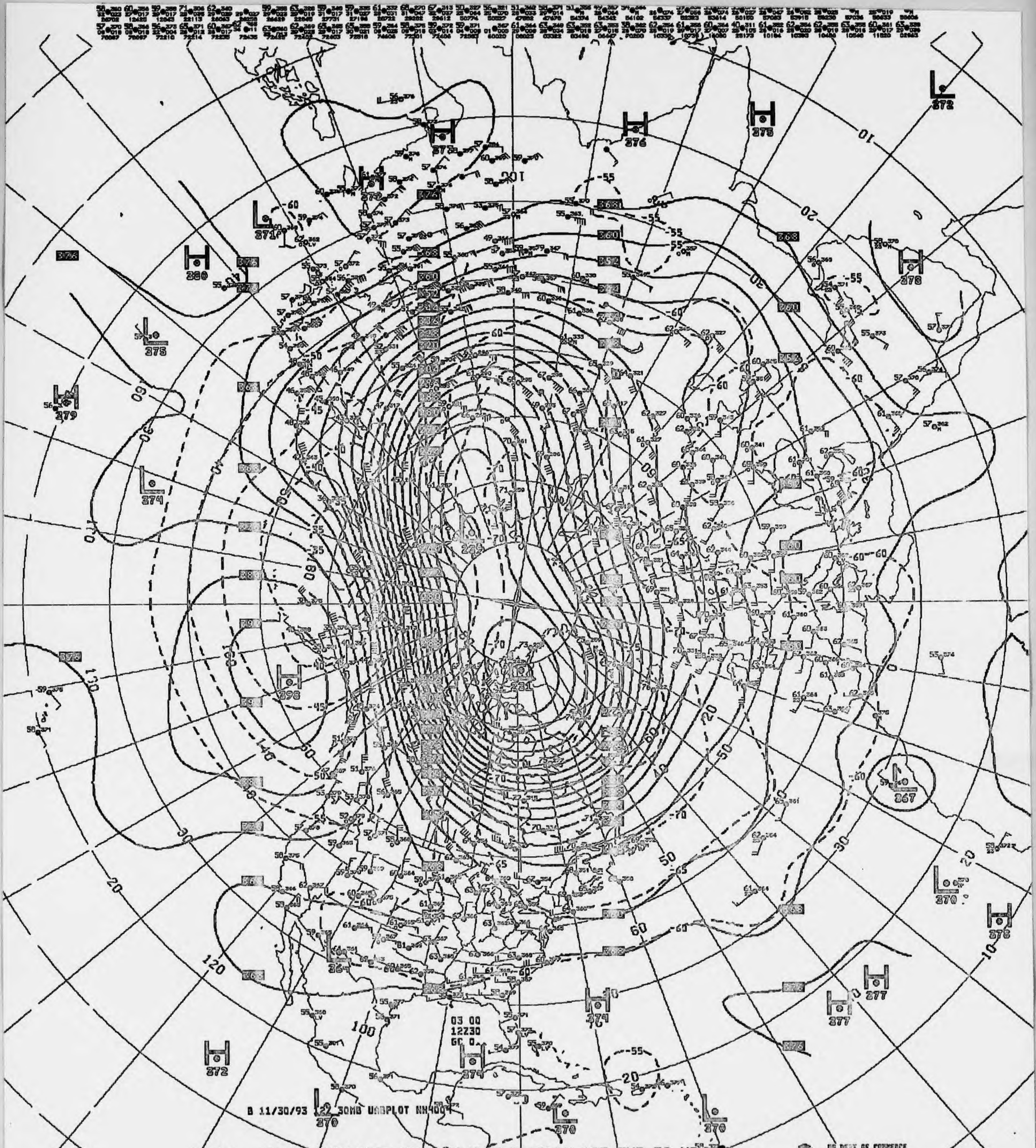
H 373
H 374
L 370
L 370
H 377
03 00
12Z29
GC 0..
B 11/29/93 12Z 30MB UABPLOT NH4004

V432 .. 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 29 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 376
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L 372
H 273
L 271
H 380
H 378
L 375
H 379
L 374
H 398
L 367
L 370
H 378
H 277
H 377
H 374
H 374
H 372
L 370
L 370
L 370
L 264
03 00
12Z30
GC 0
B 11/30/93 12Z 30MB UABPLOT NH4004

V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 30 NOV 93

US DEPT OF COMMERCE
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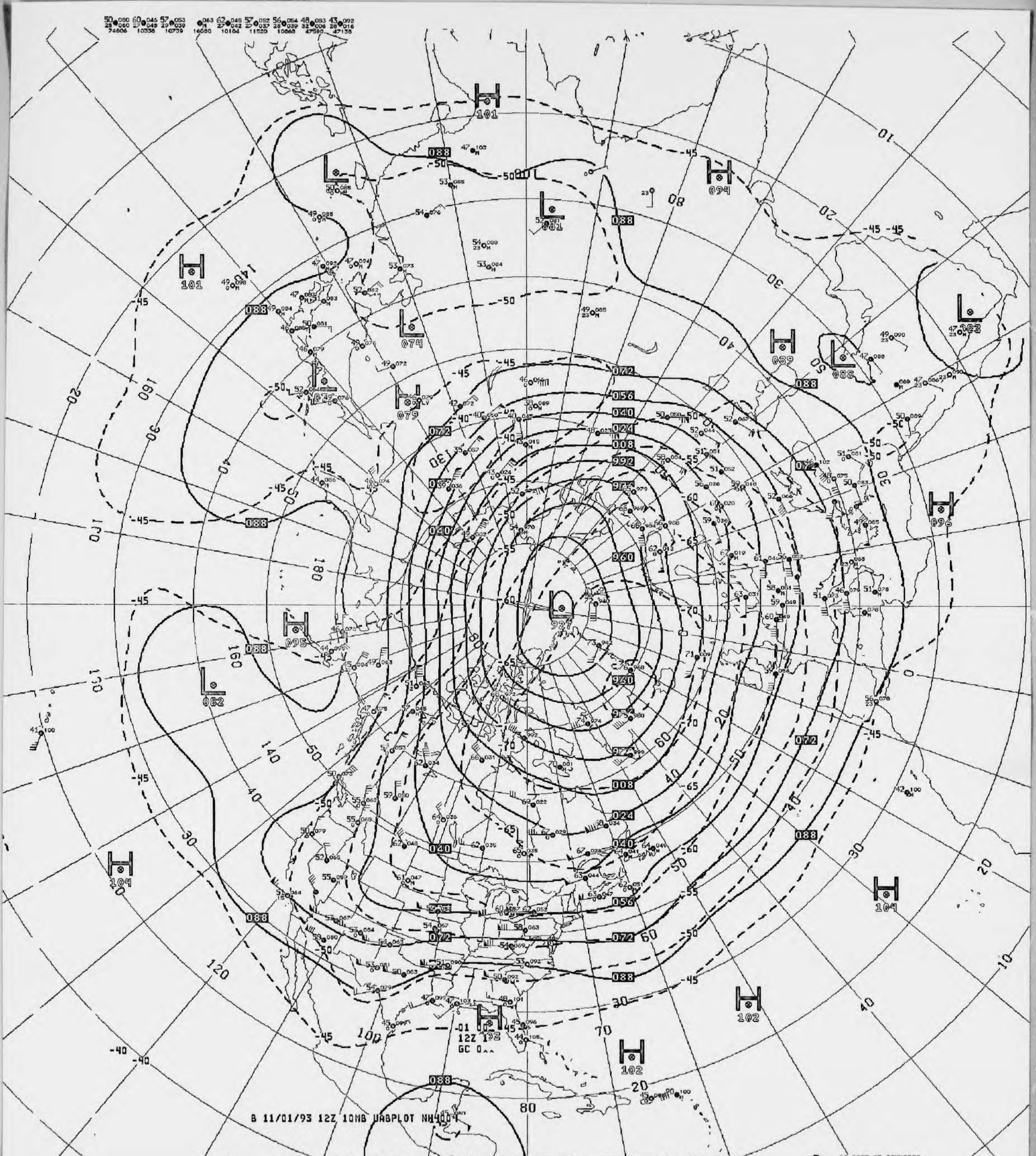
AA Form 48 - 366E
ev. 8 - 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

10 MB CONSTANT PRESSURE CHARTS

STRATOSPHERIC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING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L 079
H 089
L 088
L 082
H 096
L 927
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L 062
H 104
H 104
H 102
H 102
088
072
056
040
024
008
992
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-50
-55
-60
-65
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60
70
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180
B 11/01/93 12Z 10MB UABPLOT NH400
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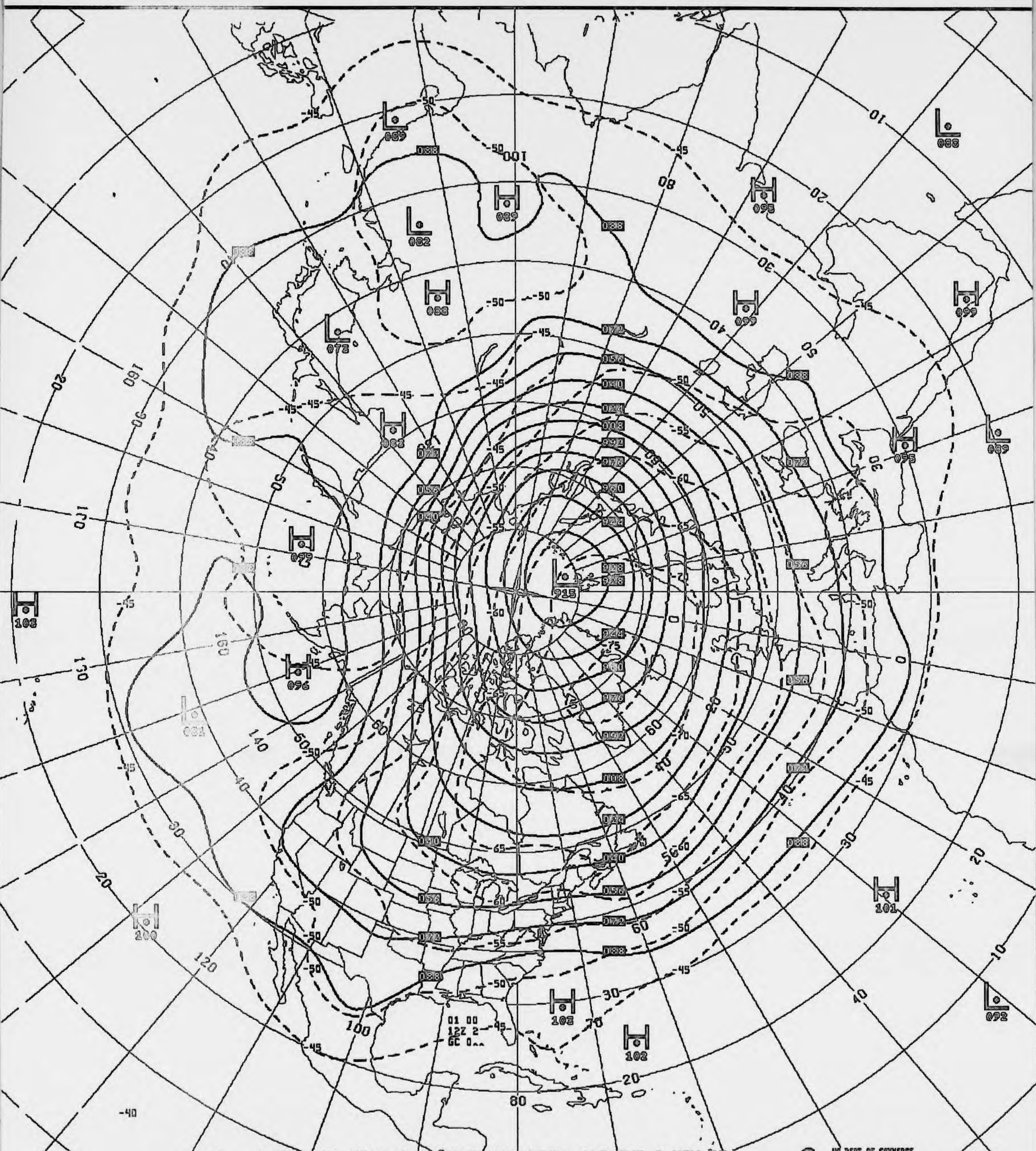
V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 1 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 099
L 915
H 096
H 102
L 081
H 100
H 101
H 103
H 102
L 092
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976
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008
024
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056
072
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-70
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20
30
40
50
60
70
80
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110
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170
0
-10
-20
-40
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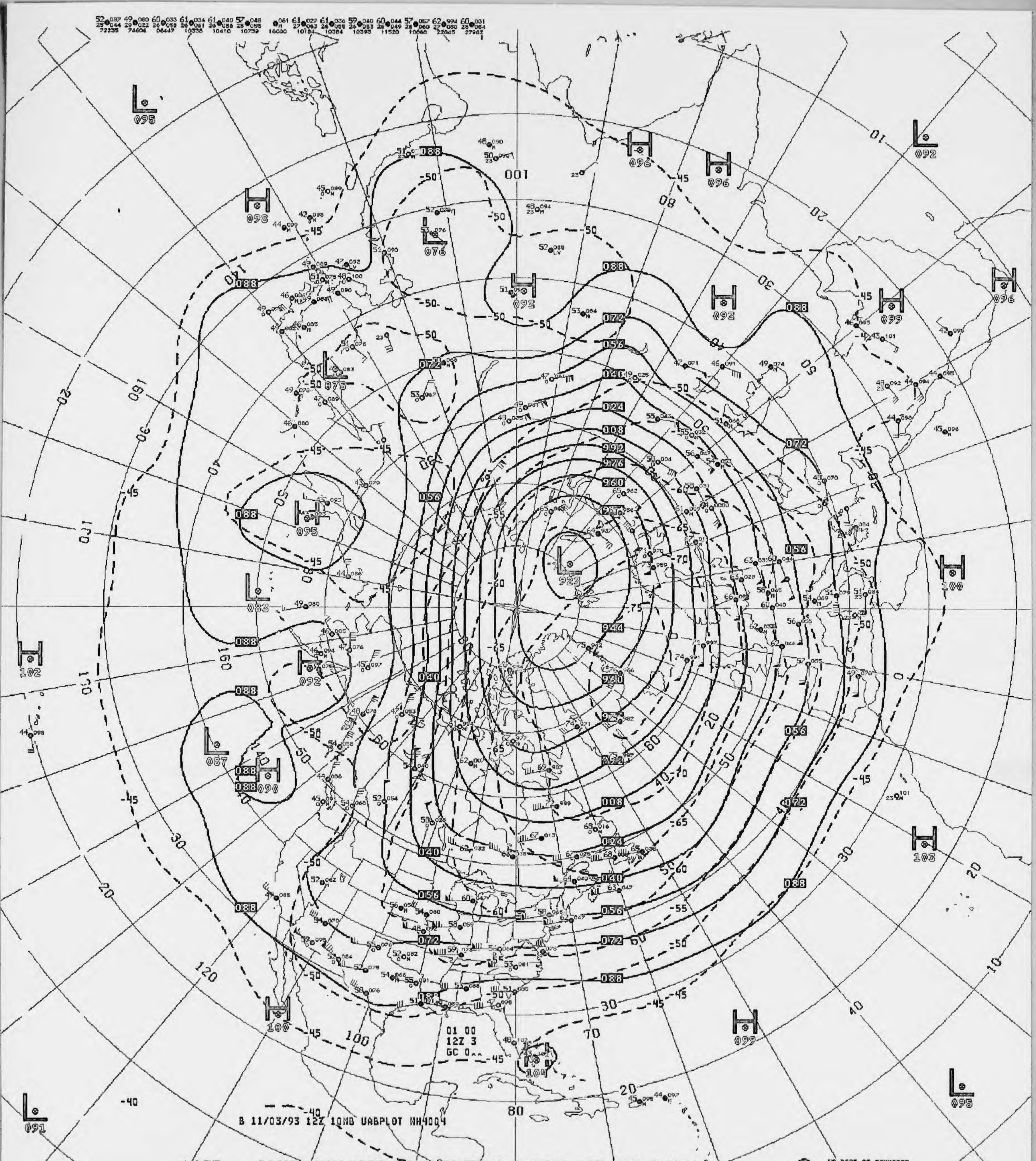
12Z 2
GC 0..

V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 2 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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L 087
L 091
H 096
H 093
H 092
H 099
H 095
H 092
H 090
H 100
H 102
H 103
H 104
088
072
056
040
024
008
992
976
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20
30
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60
70
80
90
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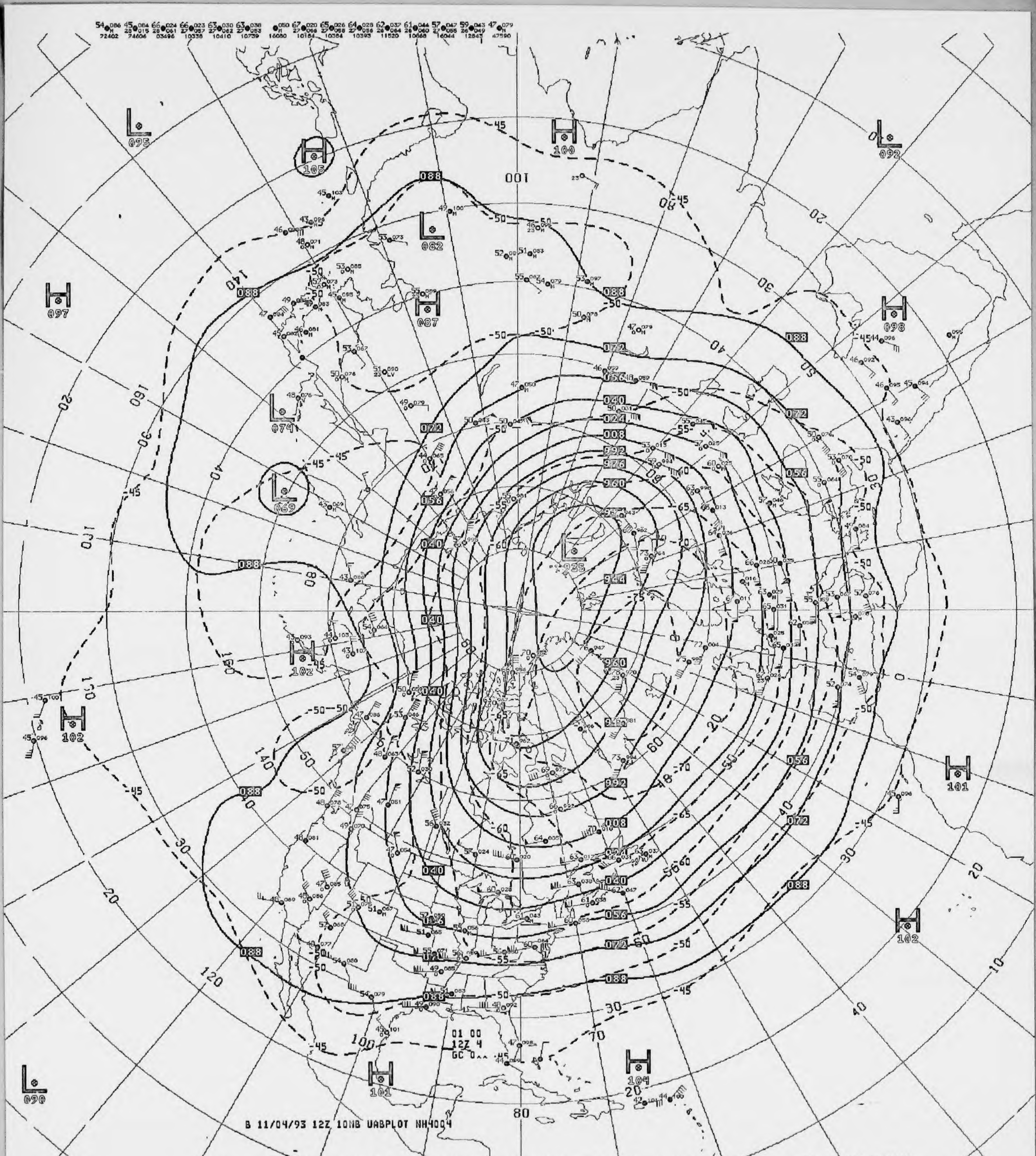
V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 3 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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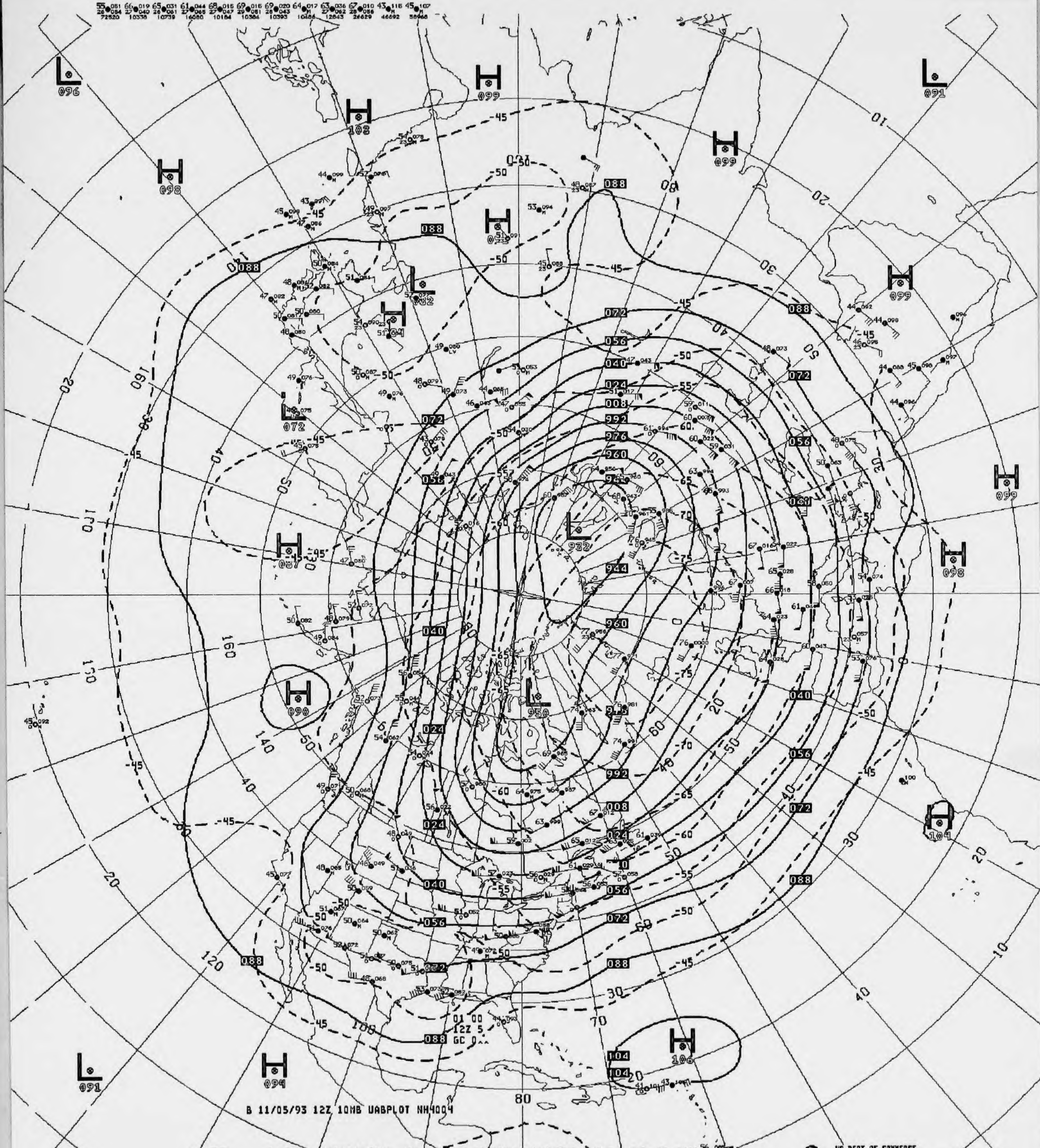
H 098
L 079
L 069
L 935
H 102
H 102
H 101
H 102
L 090
H 101
H 104
088
072
056
040
024
008
992
976
960
944
01 00
12Z 4
GC 0..
80
B 11/04/93 12Z 10MB UABPLOT NH4004

V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 4 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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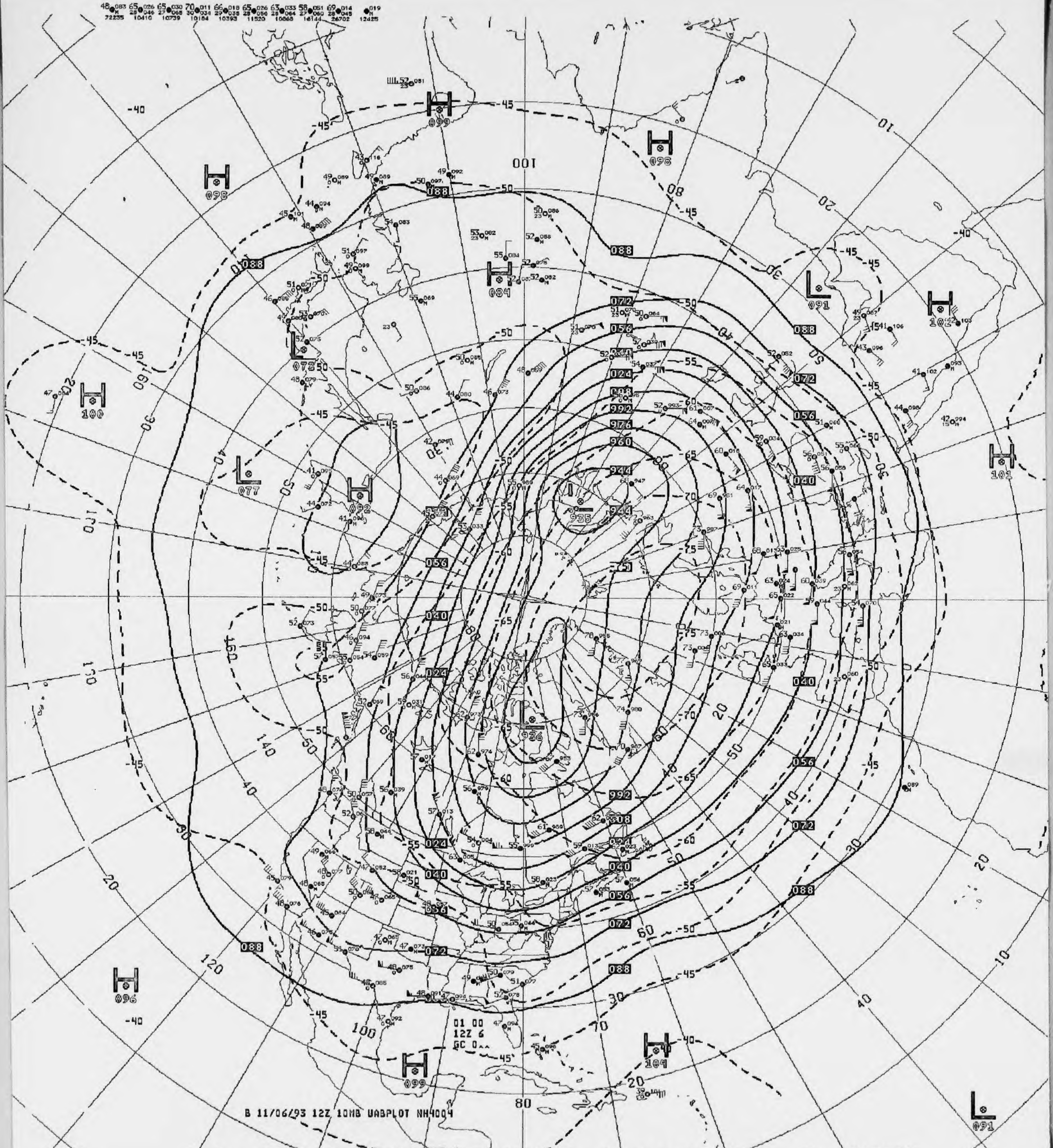
L 932
L 950
H 106
H 104
H 103
088
072
056
040
024
008
992
976
960
944
-45
-50
-55
-60
-65
-70
-75
01 00
12Z 5
GC 0^^

V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 5 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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12Z 6
GC 0^^
H 099
H 098
H 098
H 084
L 091
H 102
H 100
L 078
L 077
H 092
L 935
L 936
H 101
H 096
H 099
H 104
L 091
088
072
056
040
024
008
992
976
960
944
-40
-45
-50
-55
-60
-65
-70
-75
80
20
40
60
100
120
140
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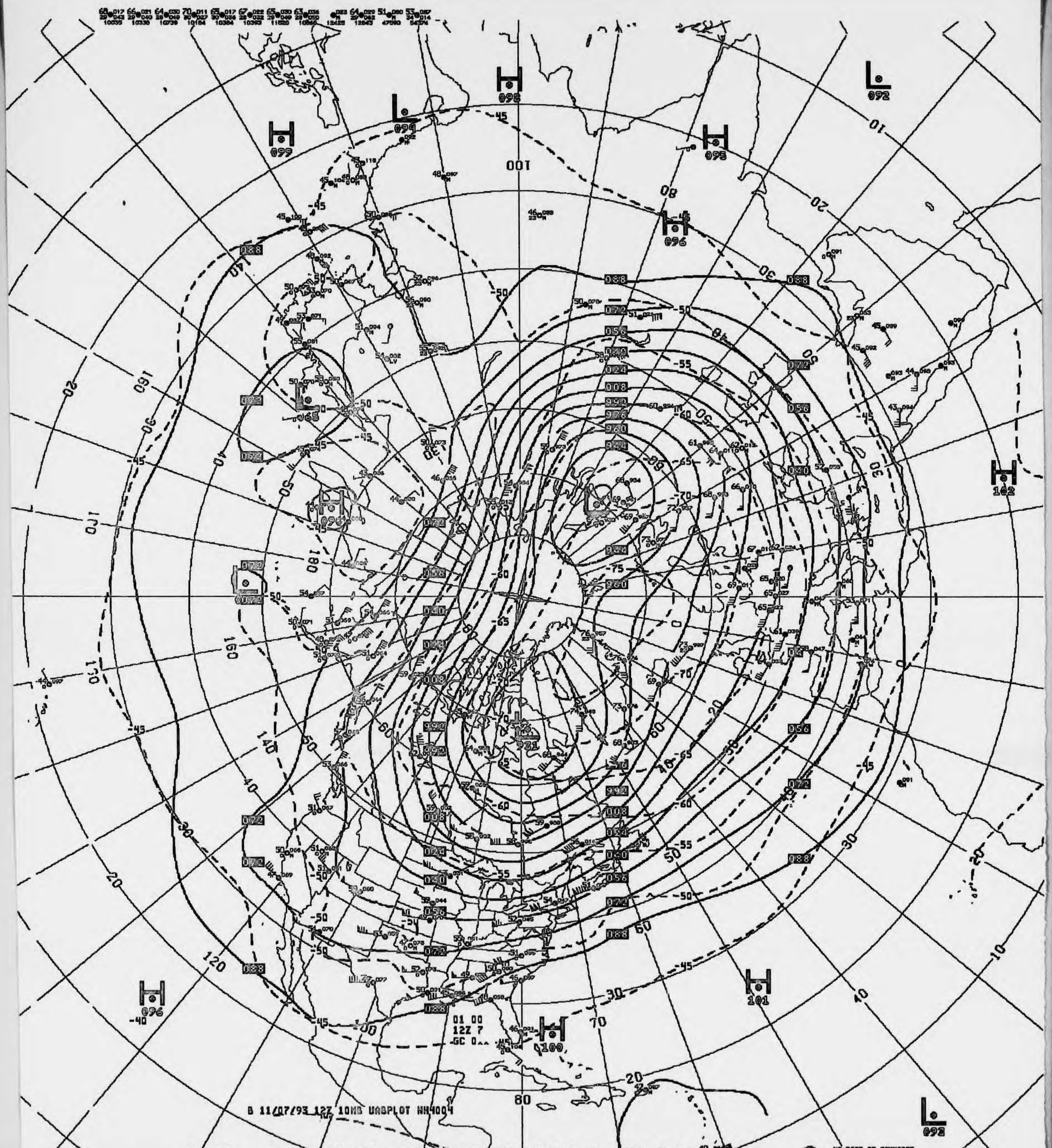
V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 6 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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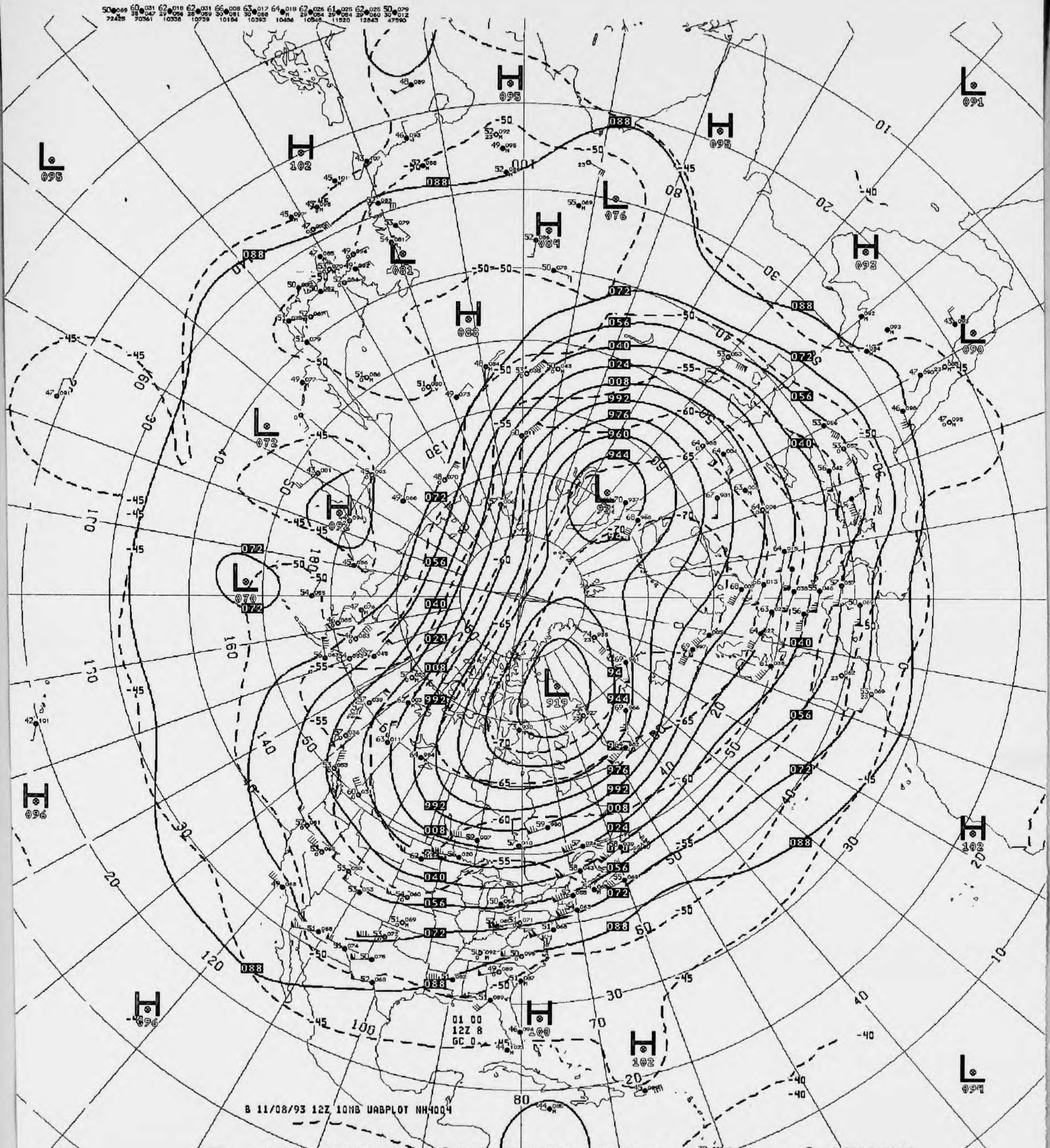
12Z 7
GC 0
H
099
L
099
H
098
H
095
L
092
H
096
L
065
H
094
H
102
L
931
H
096
H
100
H
101
L
092
100
80
180
160
140
120
80
70
60
50
40
30
20
10
088
072
056
040
024
008
992
976
960
944
928
-45
-50
-55
-60
-65
-70
-75

V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 7 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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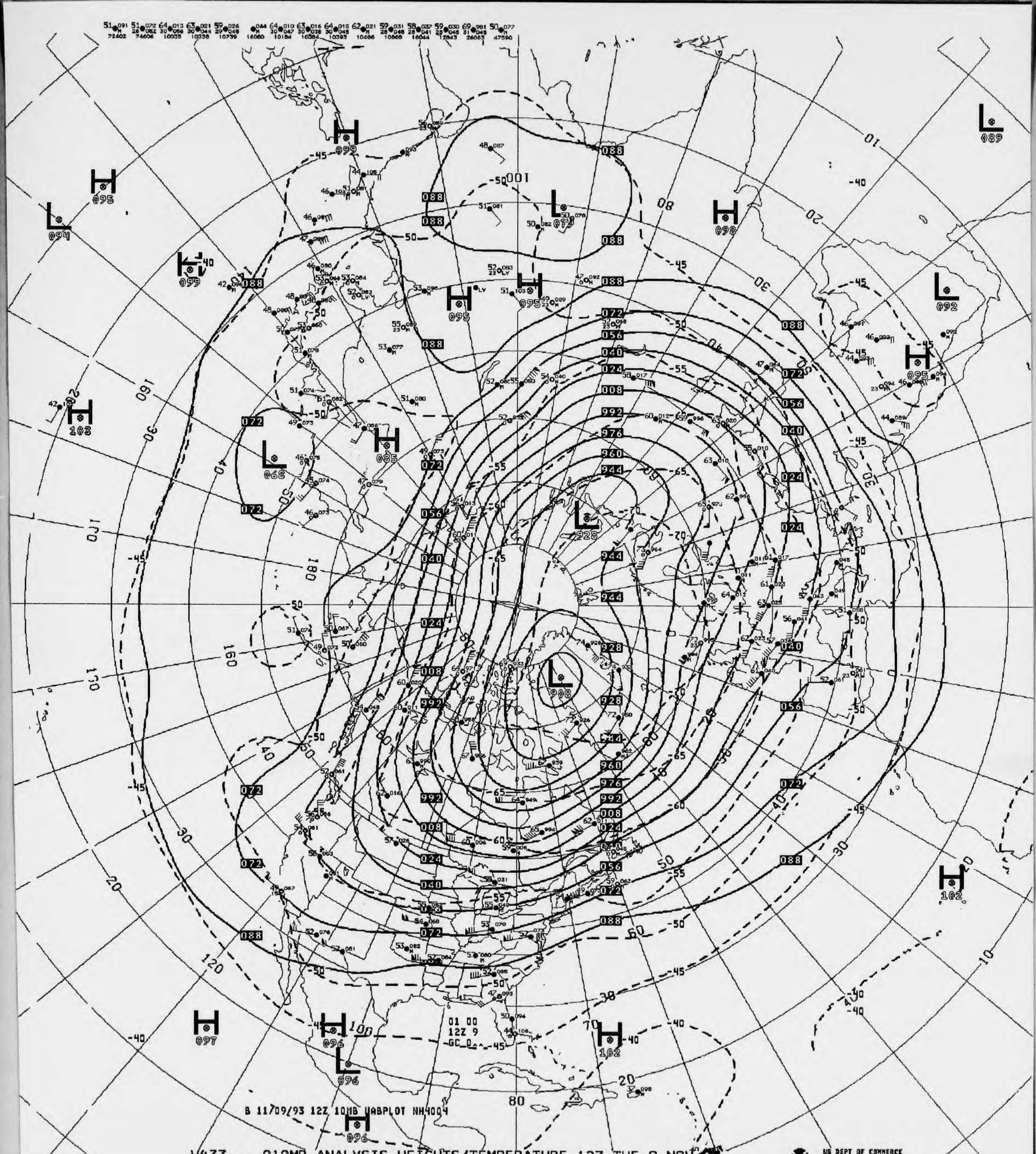
12Z 8
GC 0
L 919
L 931
L 070
L 072
L 076
L 081
H 092
H 088
H 084
H 095
H 102
H 093
H 100
H 096

V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 8 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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01 00
12Z 9
GC 0
H
L
928
908
944
960
976
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008
024
040
056
072
088
-45
-50
-55
-60
-65
-70
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120
100
80
60
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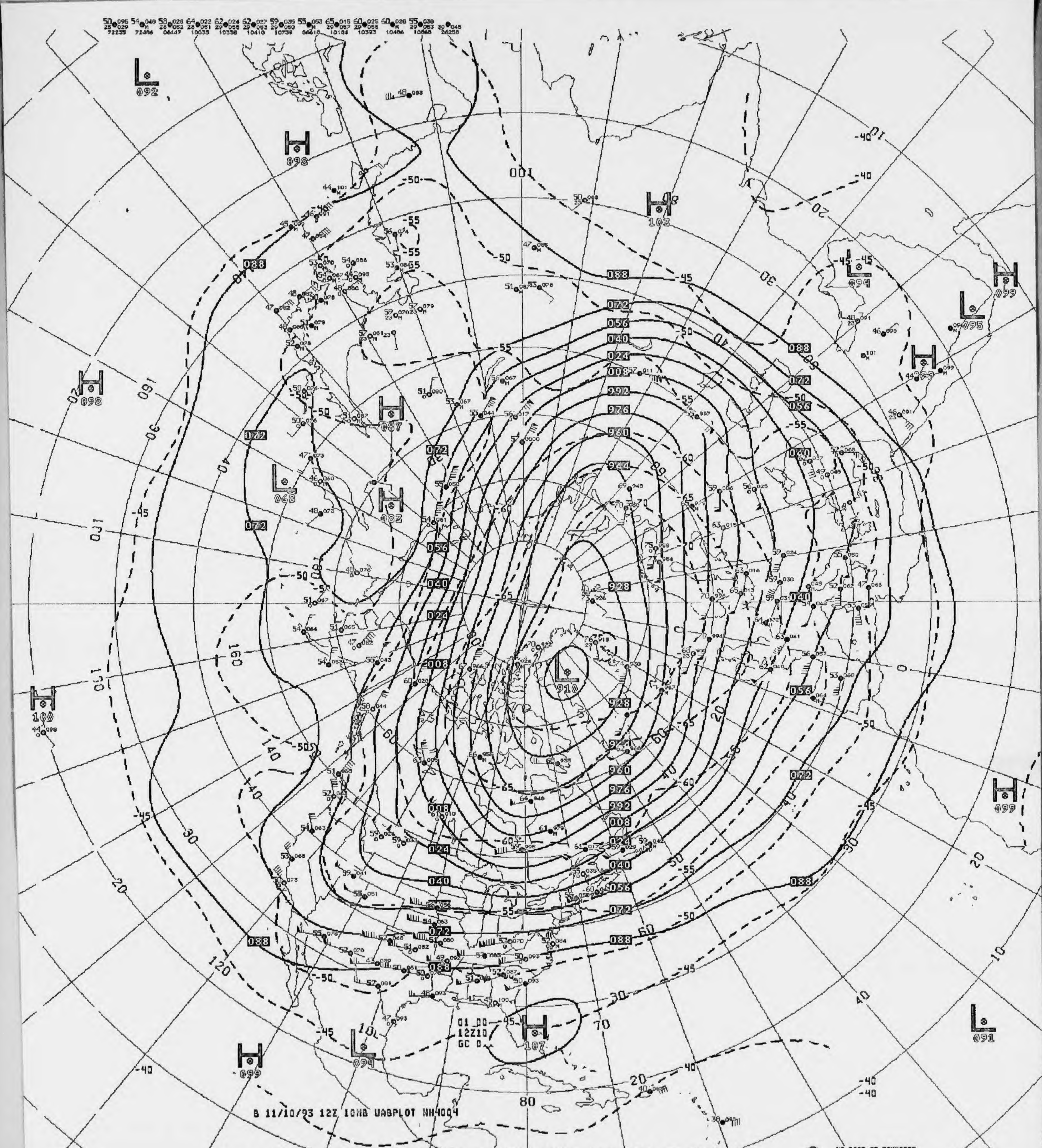
V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 9 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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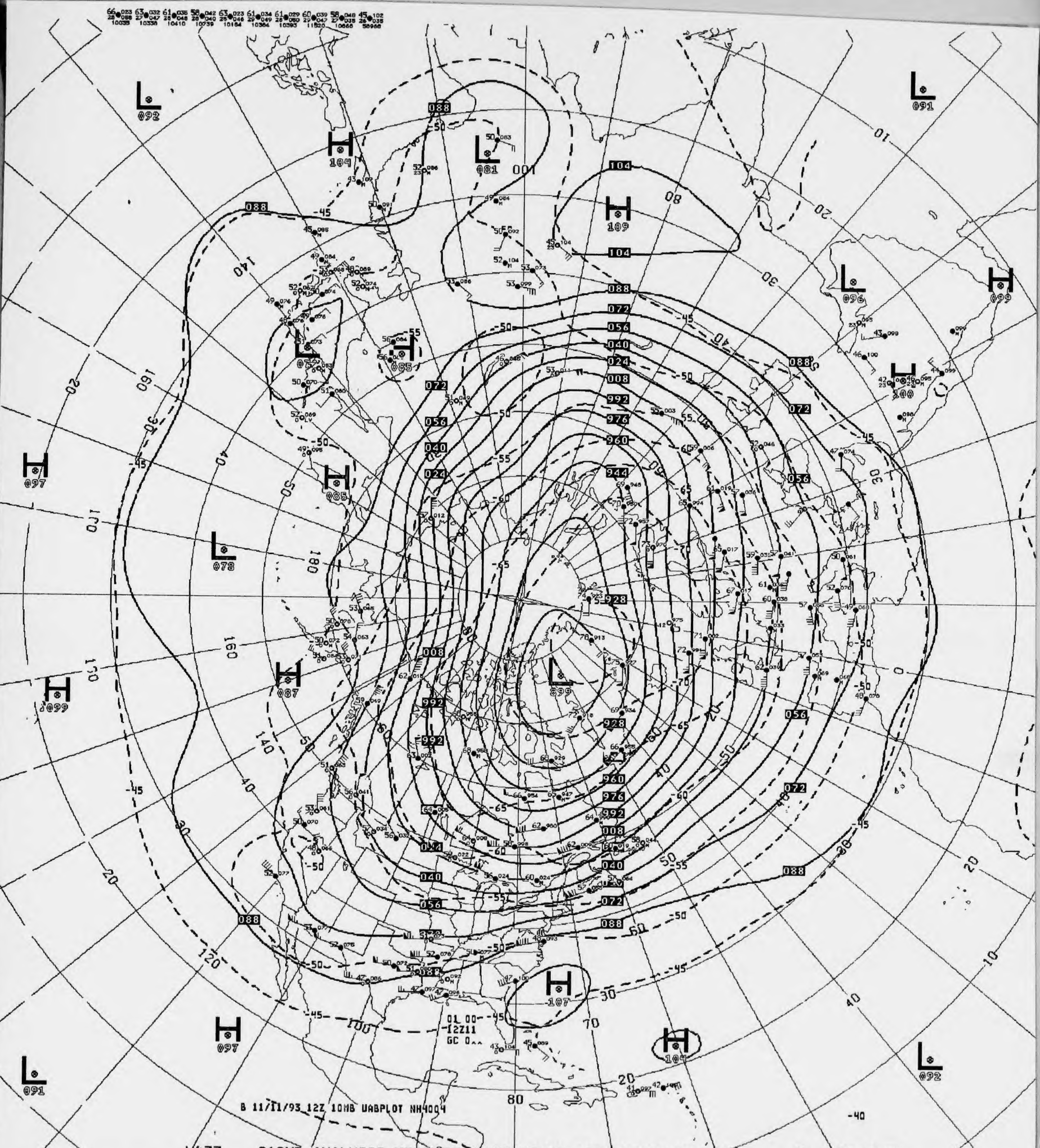
H 103
L 094
H 099
L 095
H 098
H 087
L 068
H 083
H 100
H 099
L 091
H 107
L 094
H 099
L 910
088
072
056
040
024
008
992
976
960
944
928
-40
-45
-50
-55
-60
-65
-70
01 00
12Z10
GC 0
B 11/10/93 12Z 10MB UABPLOT NH4004

V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 10 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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12Z11
GC 0^^
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H 104
L 081
H 109
L 091
L 096
H 099
H 100
L 075
H 085
H 97
H 085
L 078
H 099
H 087
L 899
H 107
H 097
H 104
L 091
L 92
088
104
072
056
040
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992
976
960
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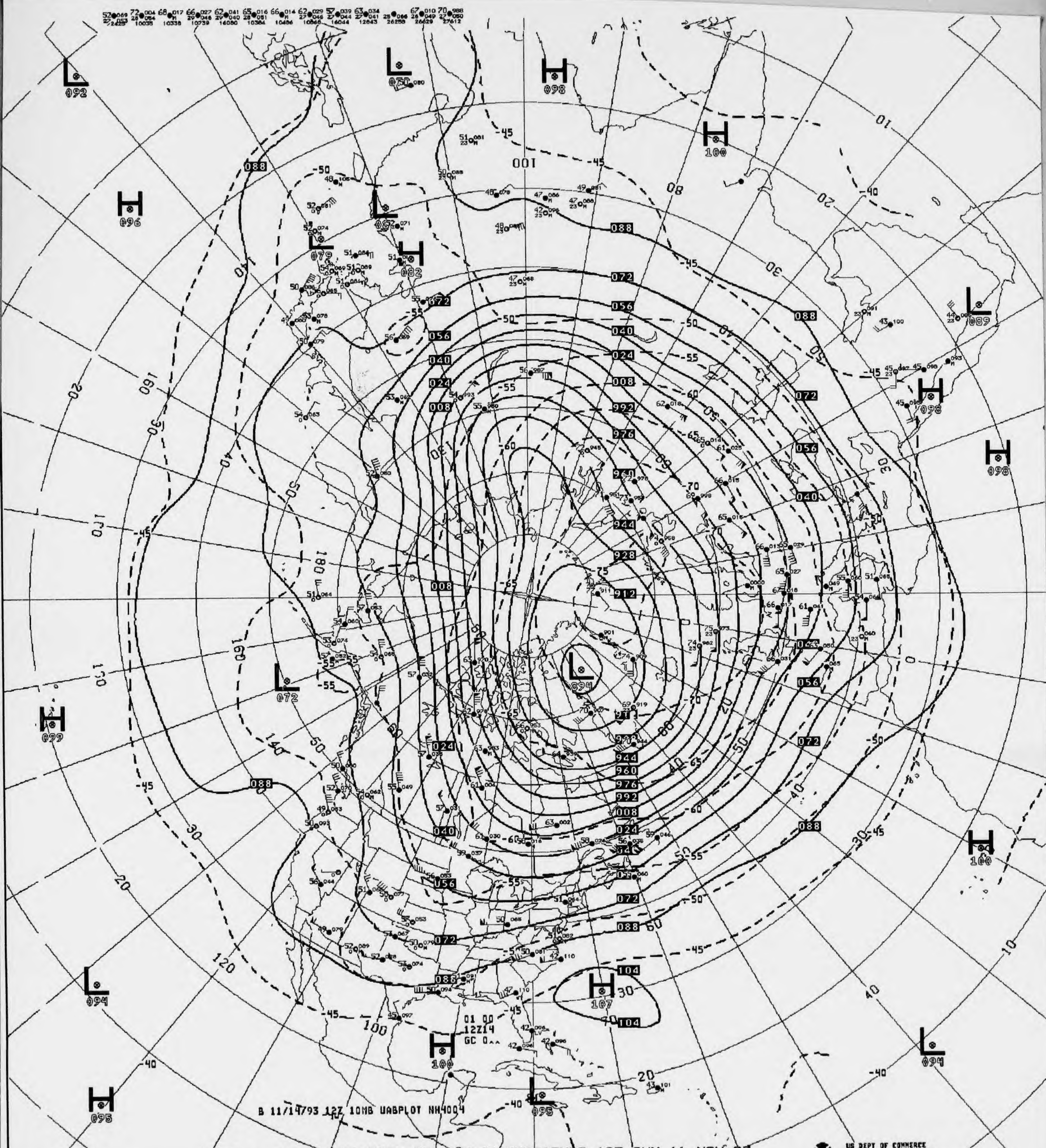
V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 11 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 092
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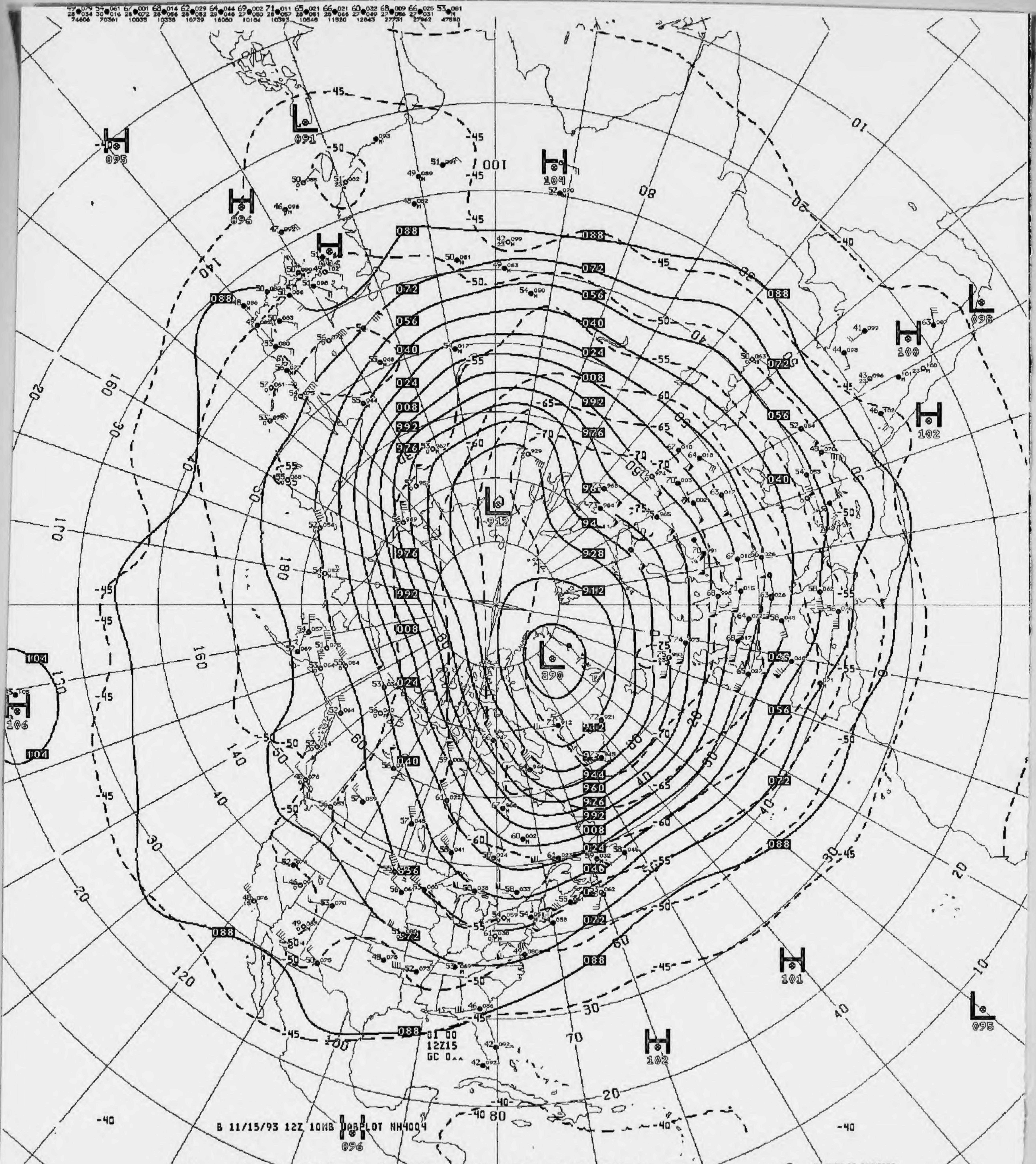
L 089
H 098
H 098
L 072
L 894
H 099
H 107
H 100
L 094
H 100
L 094
H 095
L 095
088
072
056
040
024
008
992
976
960
944
928
912
104
-45
-50
-55
-60
-65
-70
-75
01 00
12Z14
GC 0^^

B 11/14/93 12Z 10MB UABPLOT NH4004

V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 14 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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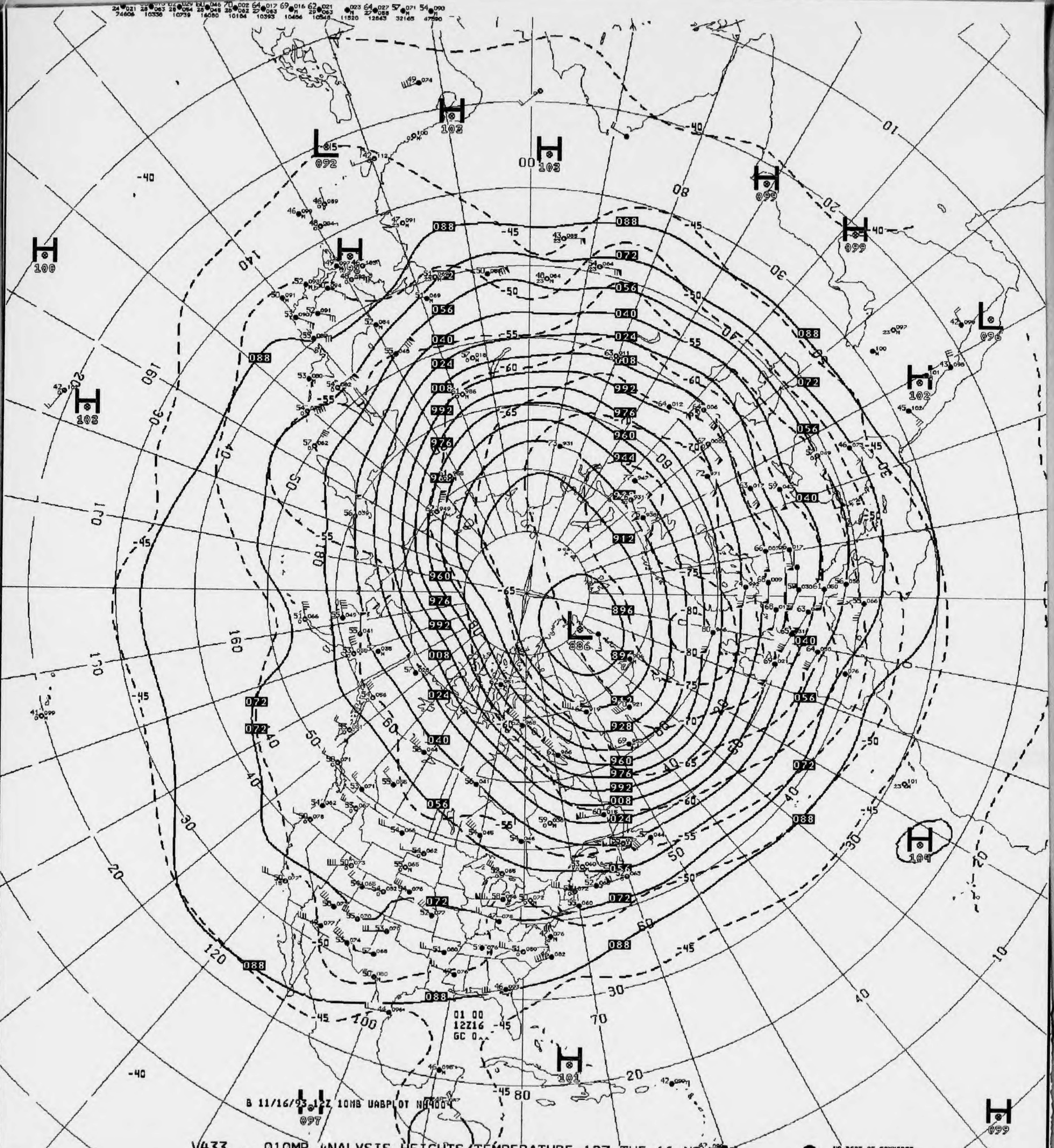
H 095
H 096
H 104
L 098
H 100
H 102
L 912
L 890
H 106
H 101
H 102
L 095
H 096
088
072
056
040
024
008
992
976
960
944
928
912
-45
-50
-55
-60
-65
-70
-75
01 00
12Z15
GC 0^^
B 11/15/93 12Z 10MB DABPLOT NH4004

V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 15 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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L 092
H 103
H 099
H 099
H 100
L 096
H 102
H 103
L 886
896
912
928
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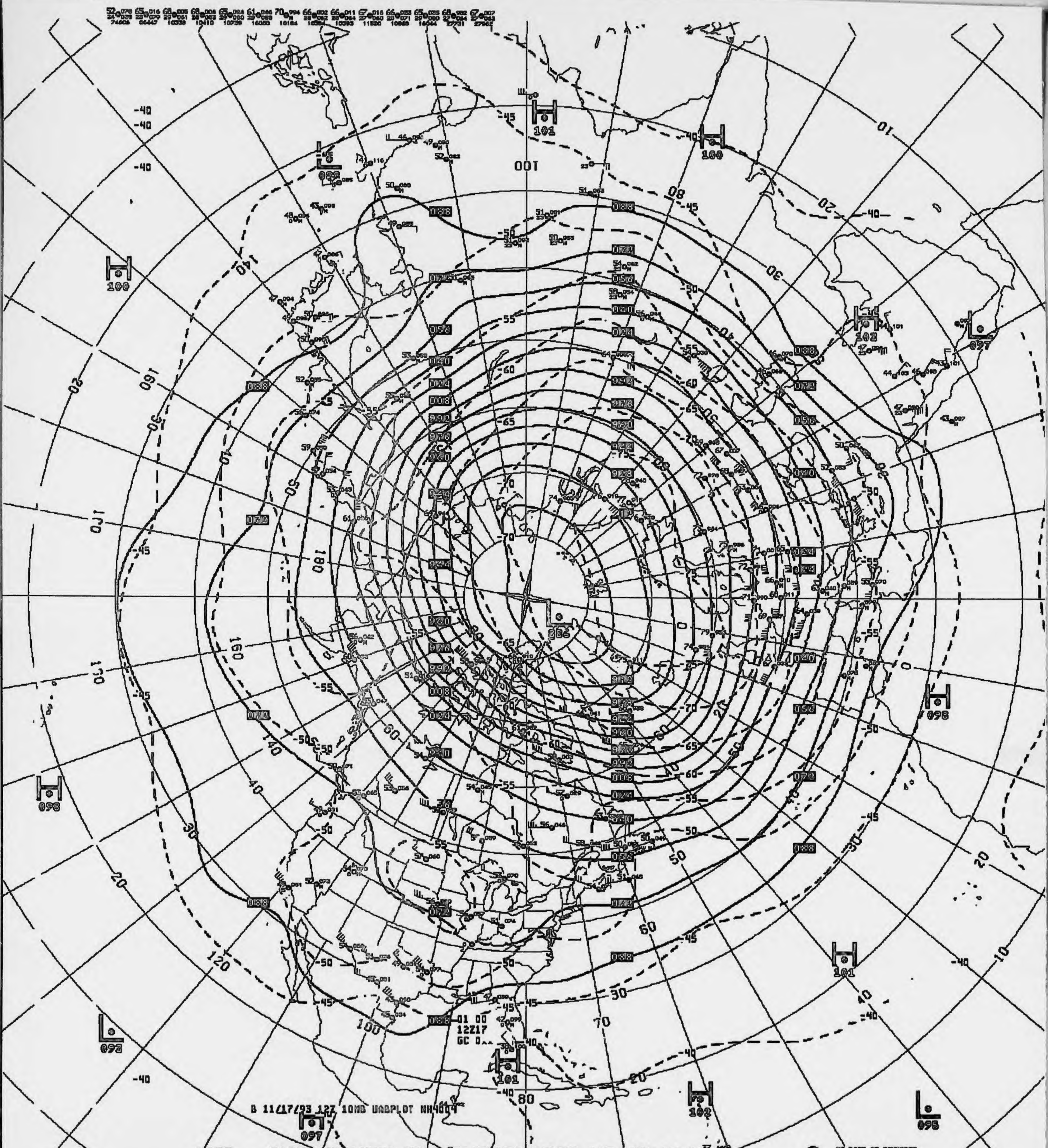
960
976
992
008
024
040
056
072
088
H 104
H 101
H 097
H 099
-40
-45
-50
-55
-60
-65
-70
-75
-80
01 00
12Z16
GC 0..
B 11/16/93 12Z 10MB UABPLOT NH4001

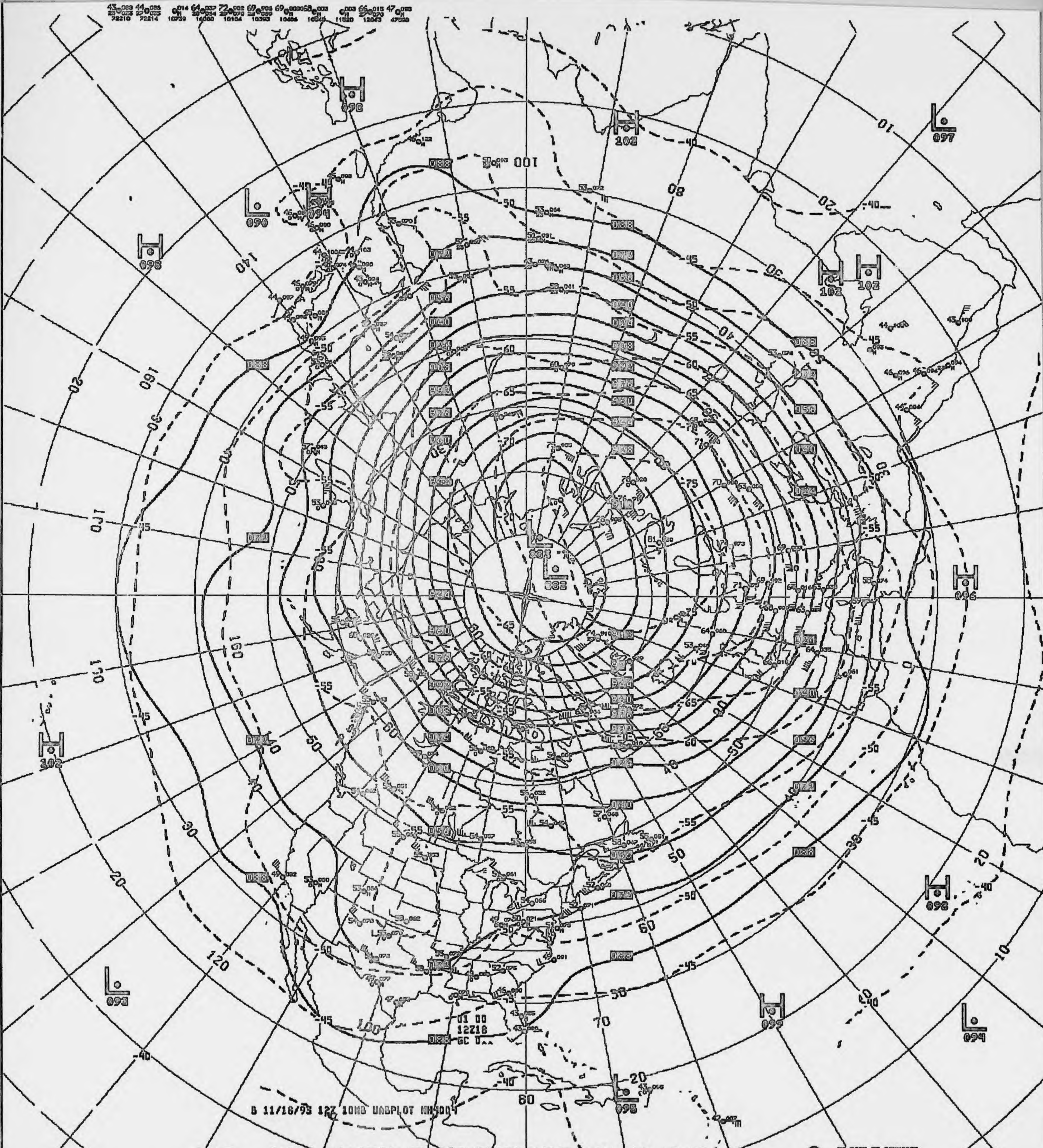
V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 16 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 101
H 100
L 089
H 100
H 102
L 097
H 098
H 098
H 101
L 093
H 101
H 102
L 095
L 097
L 088
088
072
056
040
024
008
992
976
960
944
928
-40
-45
-50
-55
-60
-65
-70
-75
01 00
12Z17
GC 0..
B 11/17/93 12Z 10MB UADPLOT NH4004

V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 17 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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12Z18
GC 0^^
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H 102
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L 090
H 096
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H 102
H 096
L 088
L 092
H 098
H 099
L 094
L 098
100
140
160
170
180
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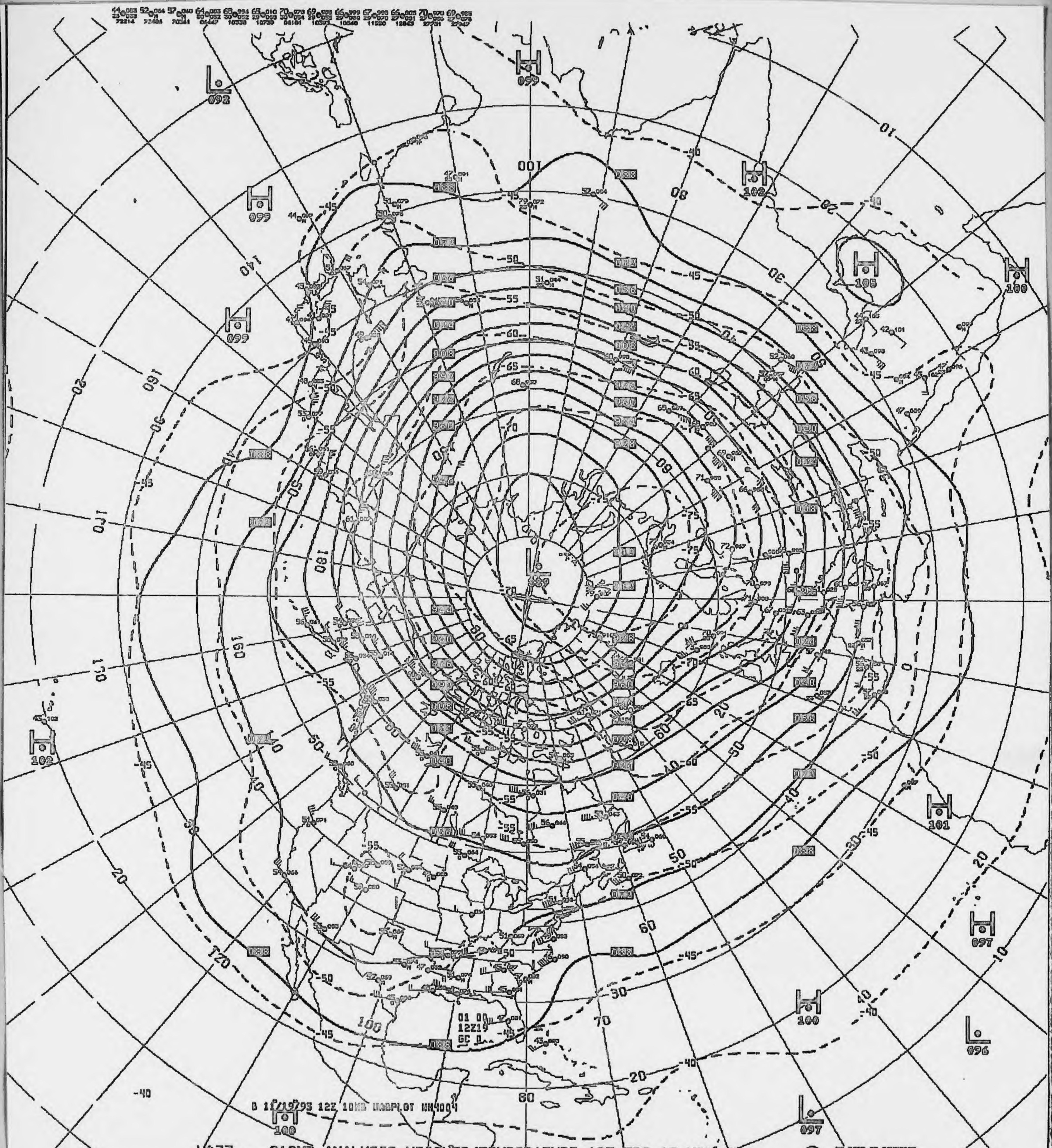
80
70
60

V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 18 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 099
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H 100
H 101
H 097
H 100
L 096
L 097
H 100
H 102
L 069
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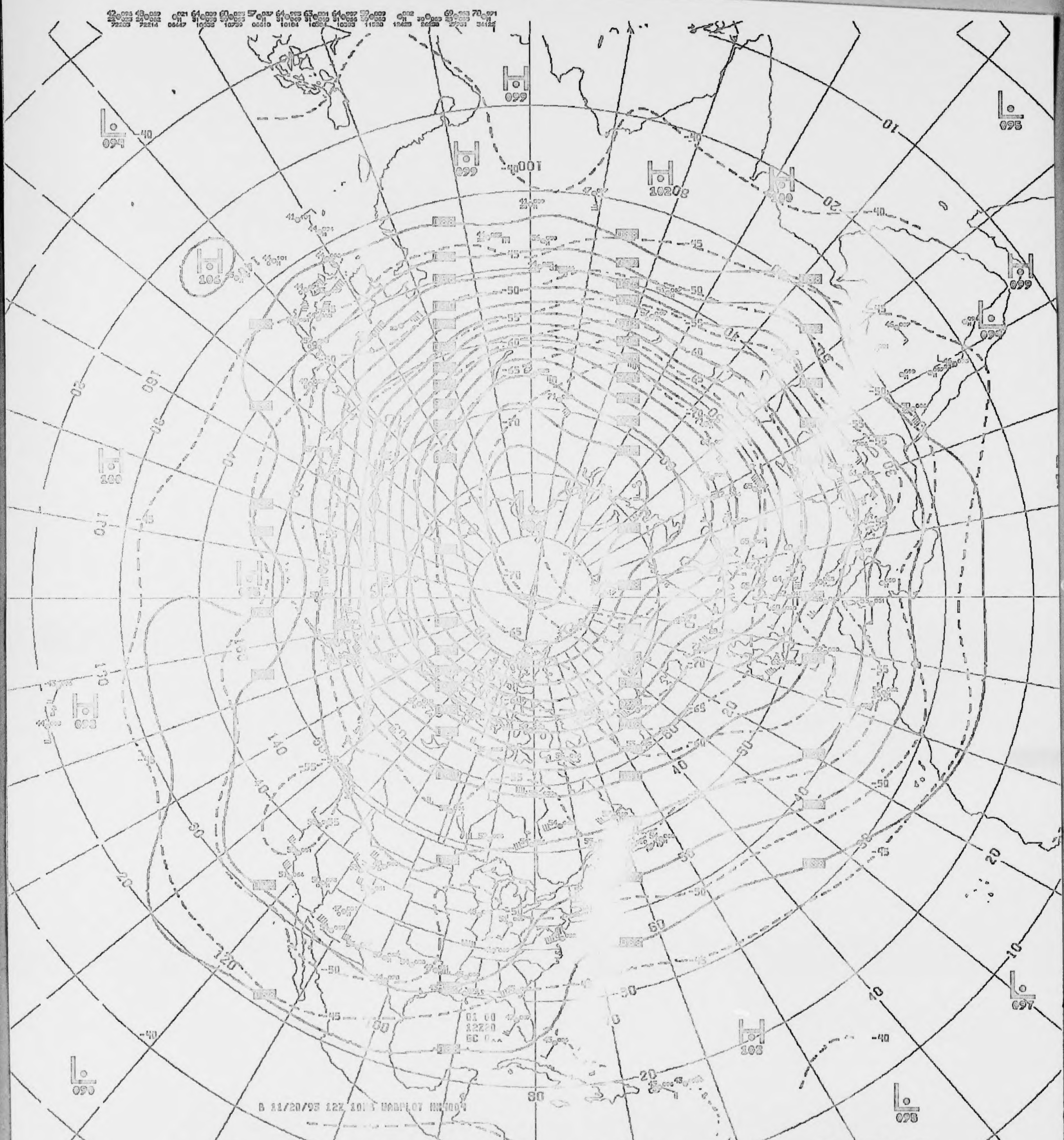
V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 19 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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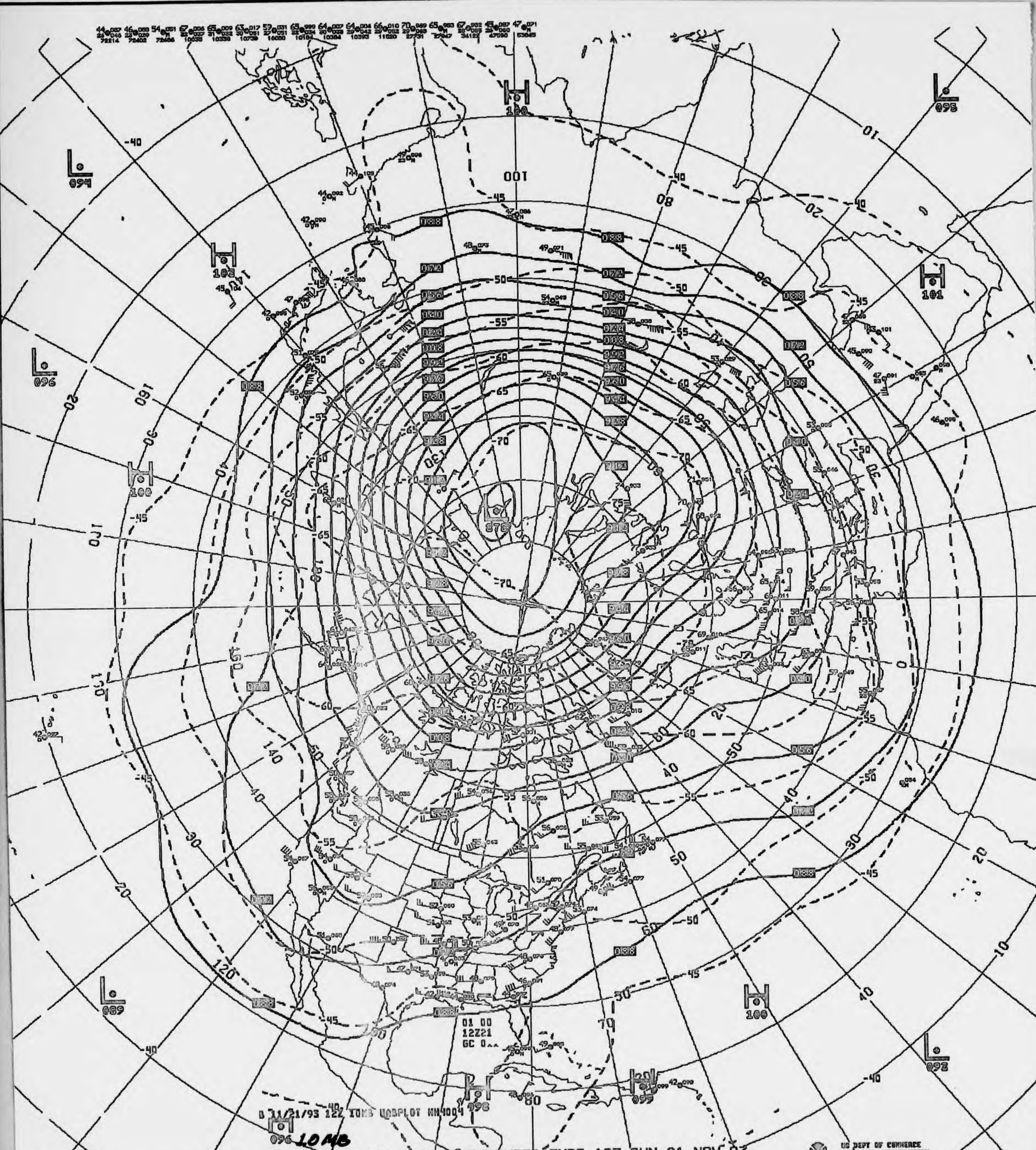
L 094
H 099
H 10208
H 100
L 095
H 106
H 099
L 094
H 100
H 098
L 097
H 108
L 090
L 098
B 11/20/93 12Z 10MB UABPLOT NH4004

V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 20 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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12Z21
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100
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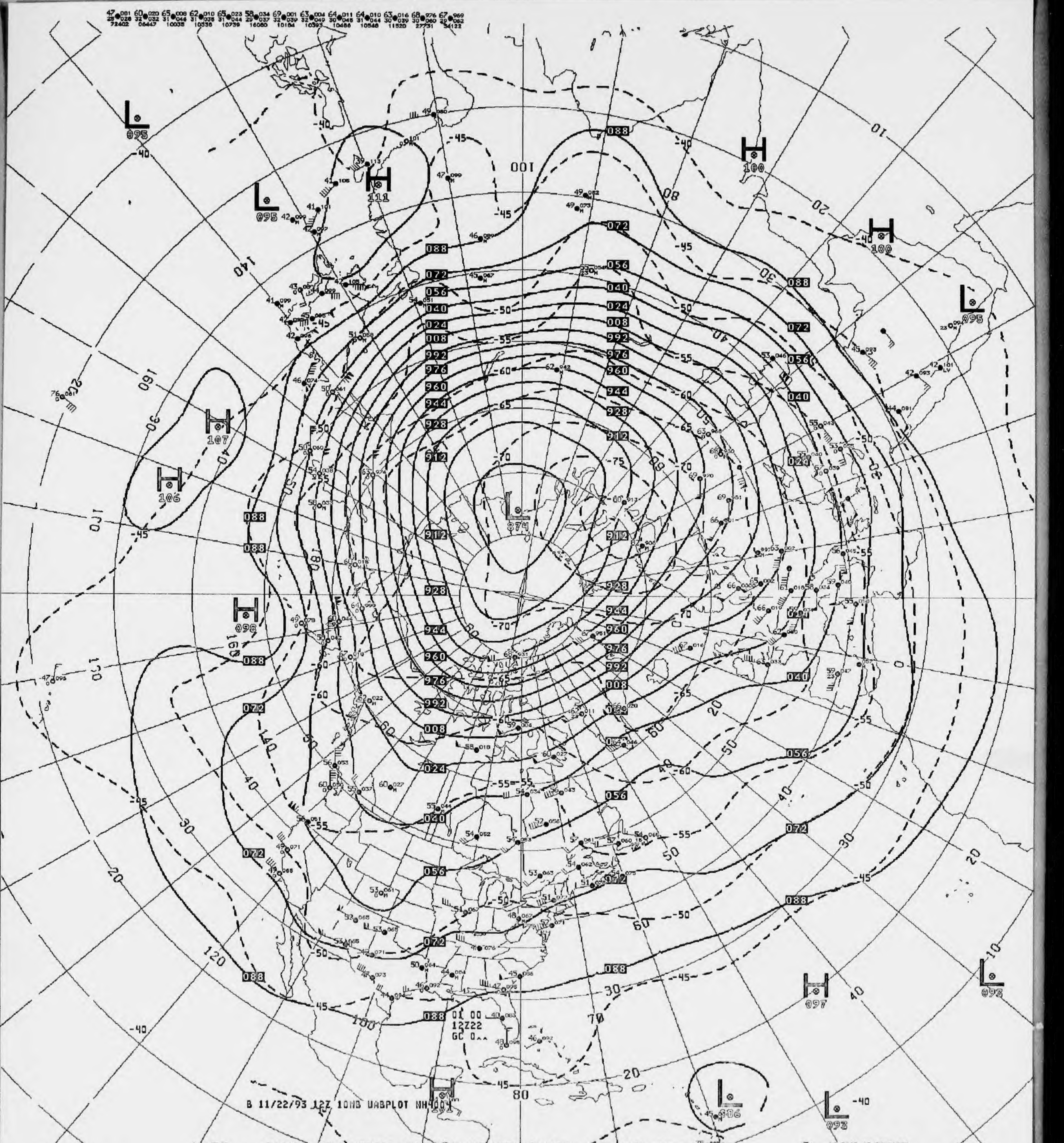
876

V433 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 21 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 095
L 095
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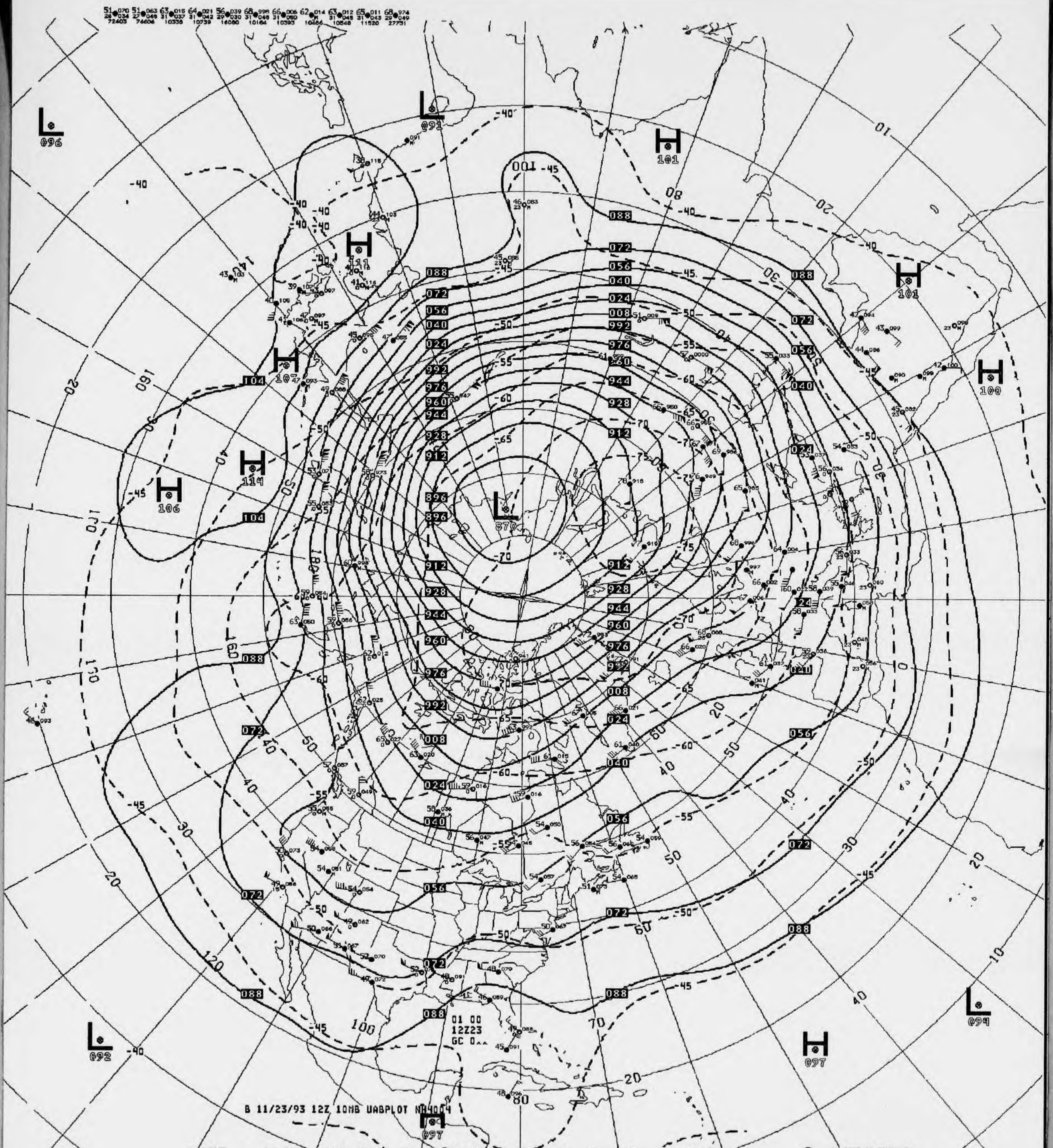
H 100
H 100
L 095
H 107
H 106
H 098
L 874
H 097
L 092
L 886
L 093
088
072
056
040
024
008
992
976
960
944
928
912
-40
-45
-50
-55
-60
-65
-70
-75
B 11/22/93 12Z 10MB UABPLOT NH4004
01 00
12Z22
GC 0^^

V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 22 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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12Z23
GC 0..
L 870
L 096
L 091
L 092
L 094
H 101
H 100
H 111
H 107
H 114
H 106
H 097
888
872
856
840
824
808
792
776
760
744
728
712
696
-40
-45
-50
-55
-60
-65
-70
-75
10
20
30
40
50
60
70
80
100
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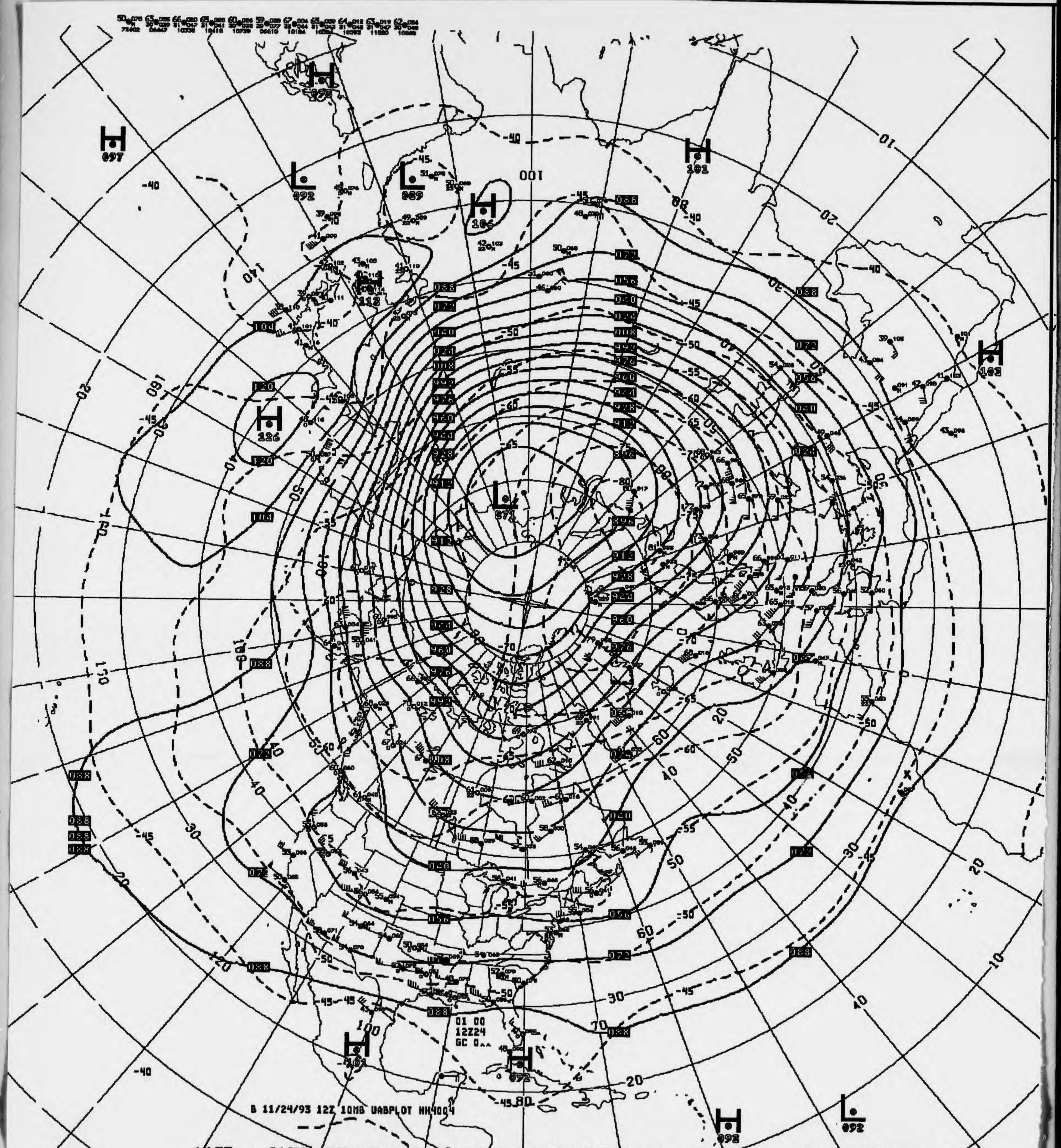
180

V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 23 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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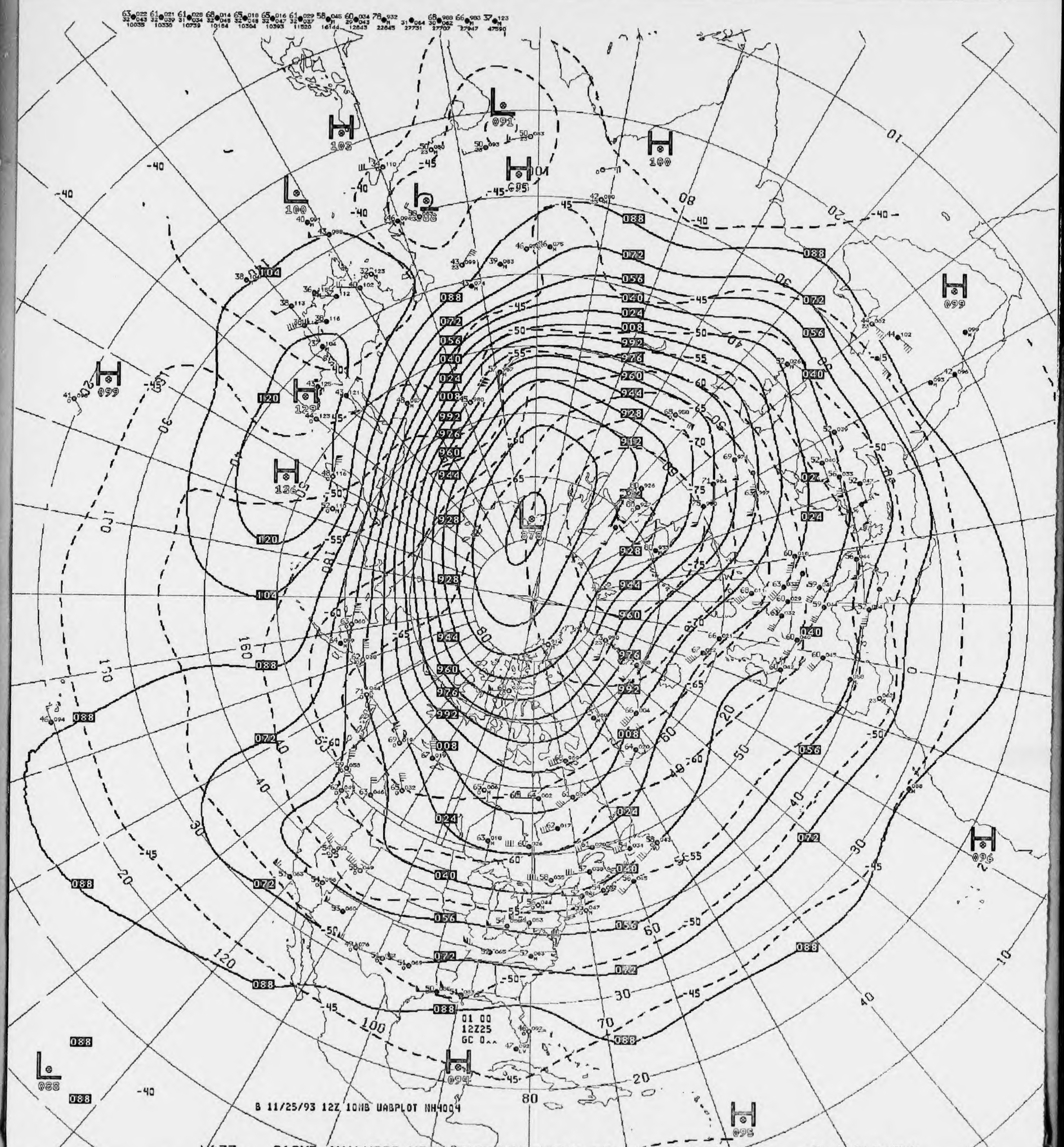
12Z24
GC 0..

V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 24 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 103
L 091
H 100
L 100
H 095
H 099
H 129
H 136
L 878
H 099
H 096
H 094
H 095
L 088
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024
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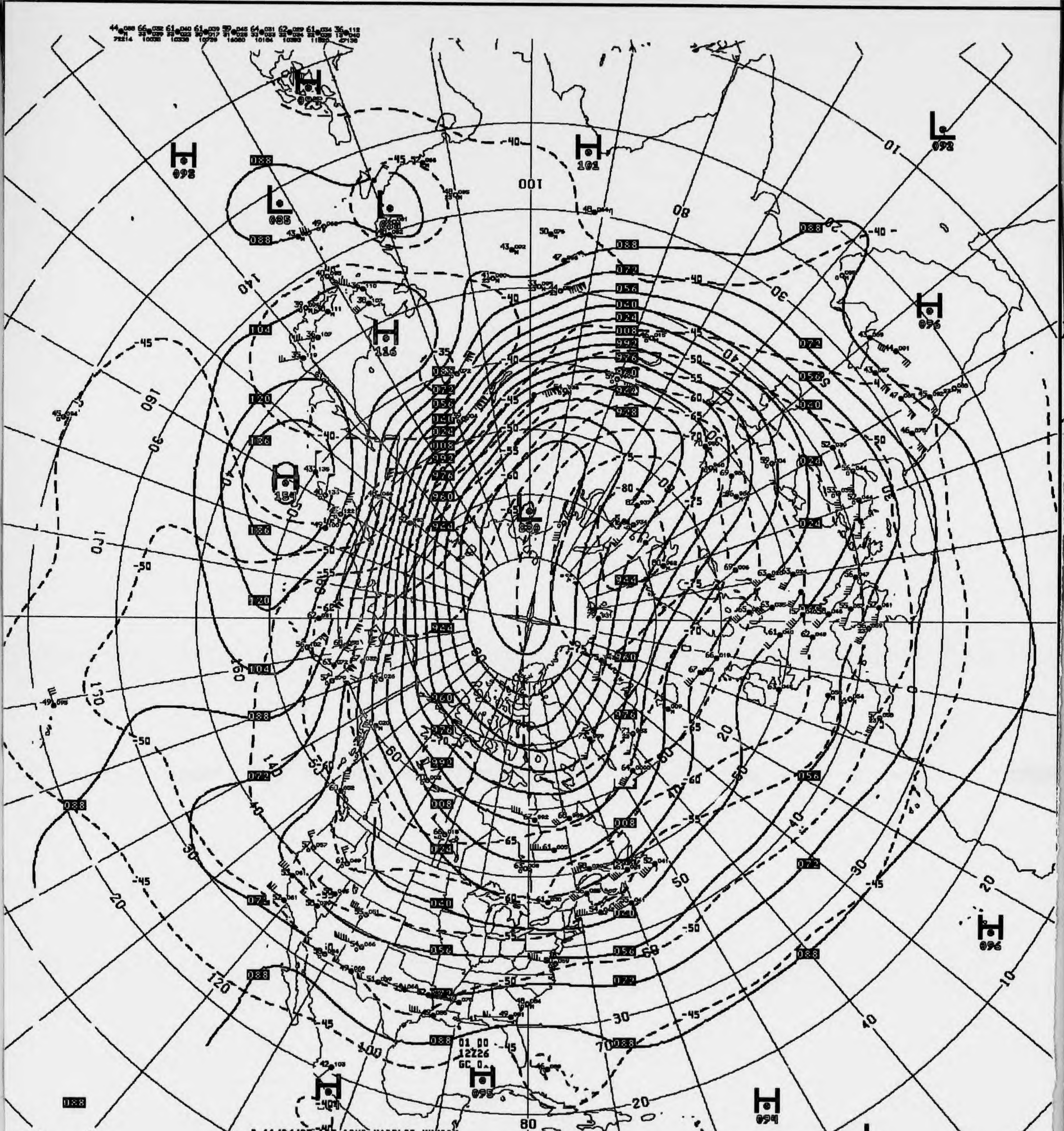
992
976
960
944
928
912
120
104
-40
-45
-50
-55
-60
-65
-75
01 00
12Z25
GC 0^^

B 11/25/93 12Z 10MB UABPLOT NH4004

V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 25 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

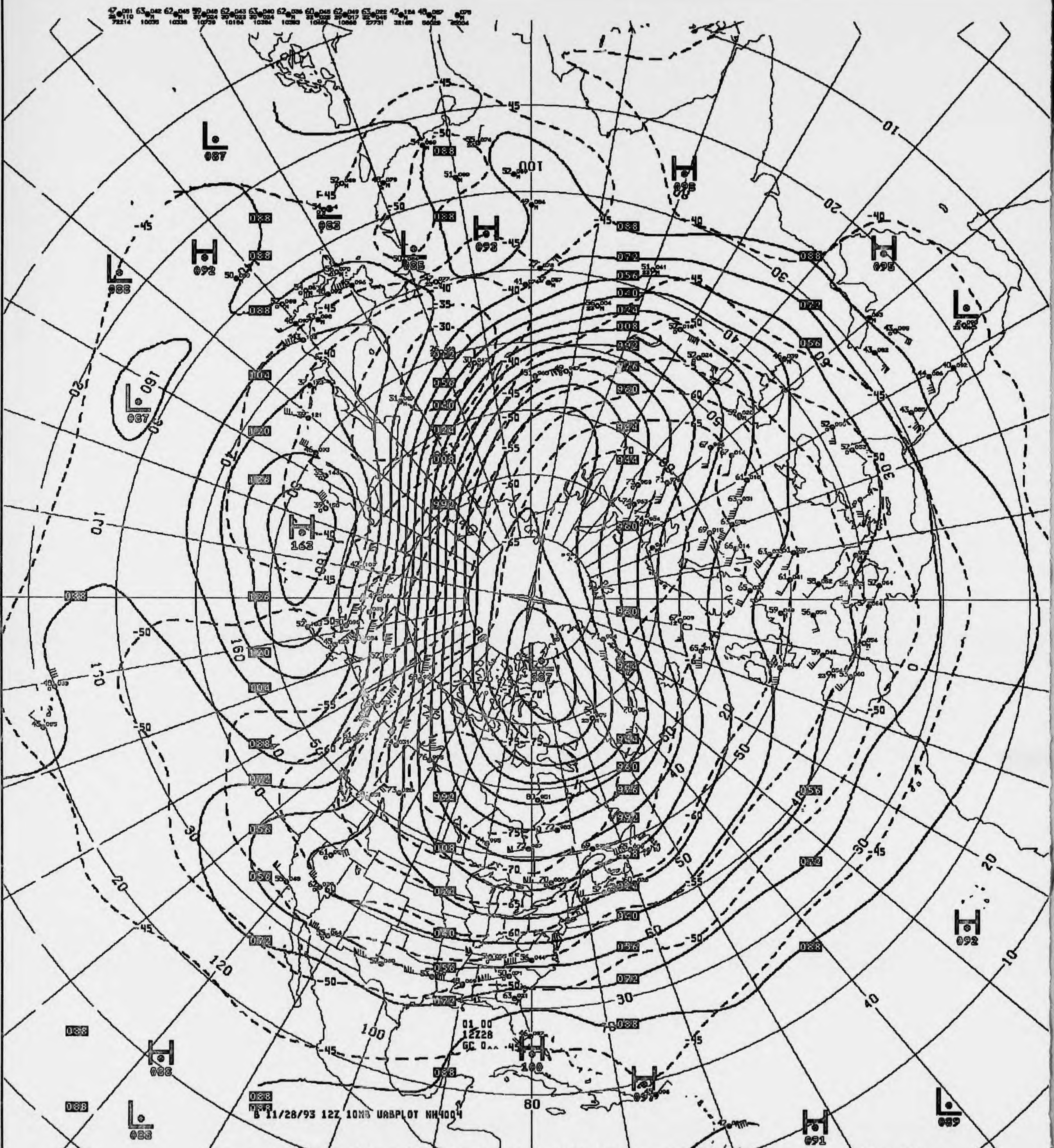

H 092
L 085
H 101
L 092
H 116
H 076
H 157
L 880
H 096
H 101
H 095
H 094
L 092
01 00
12Z26
GC 0

B 11/26/93 12Z 10MB UABPLOT NH4004

10 MB

V433 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 26 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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L 083
L 082
L 387
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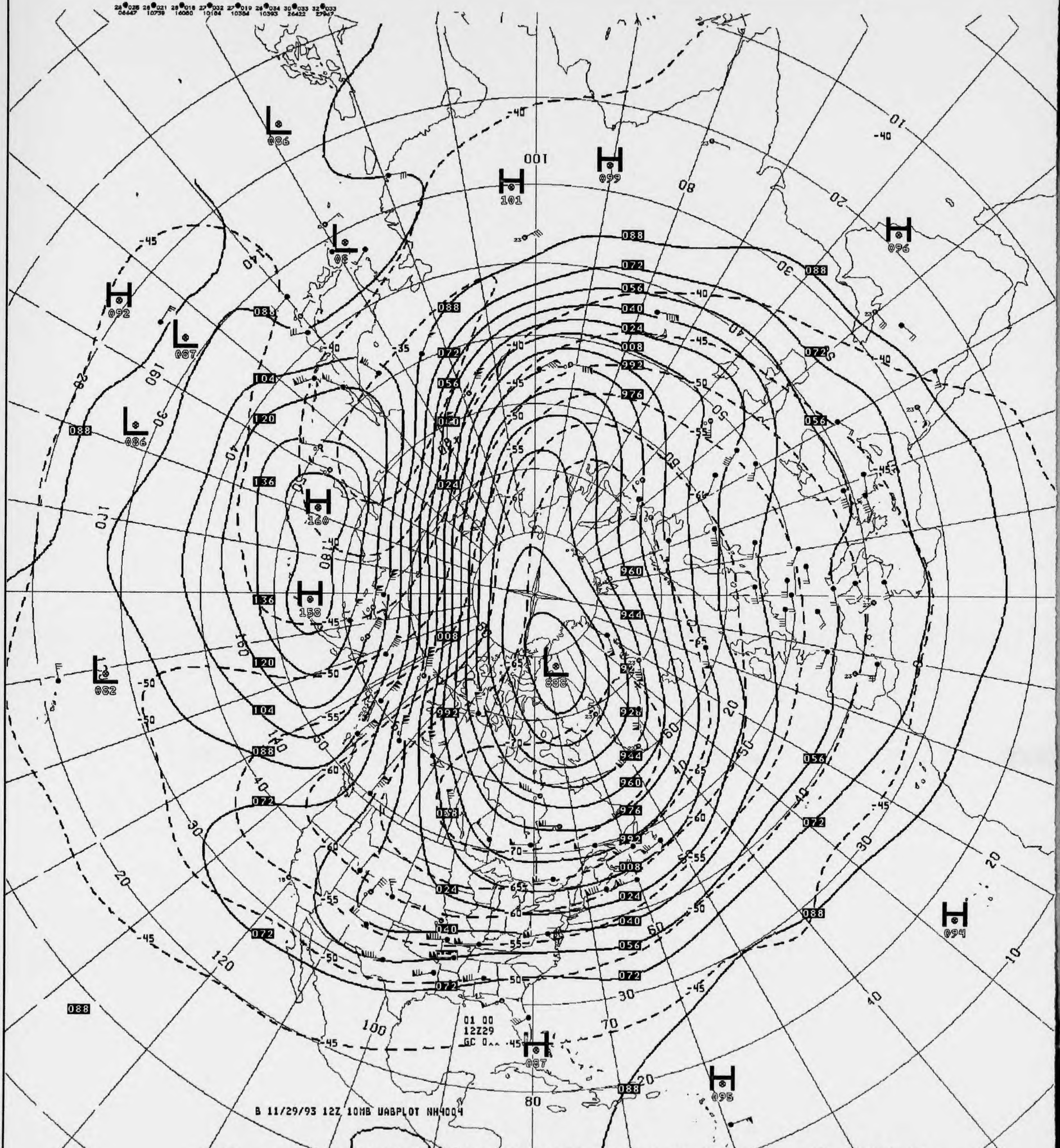
12Z28
B 11/28/93 12Z 10MB UABPLOT NH4004

V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 28 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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L 082
L 888
088
072
056
040
024
008
992
976
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104
120
136
01 00
12Z29
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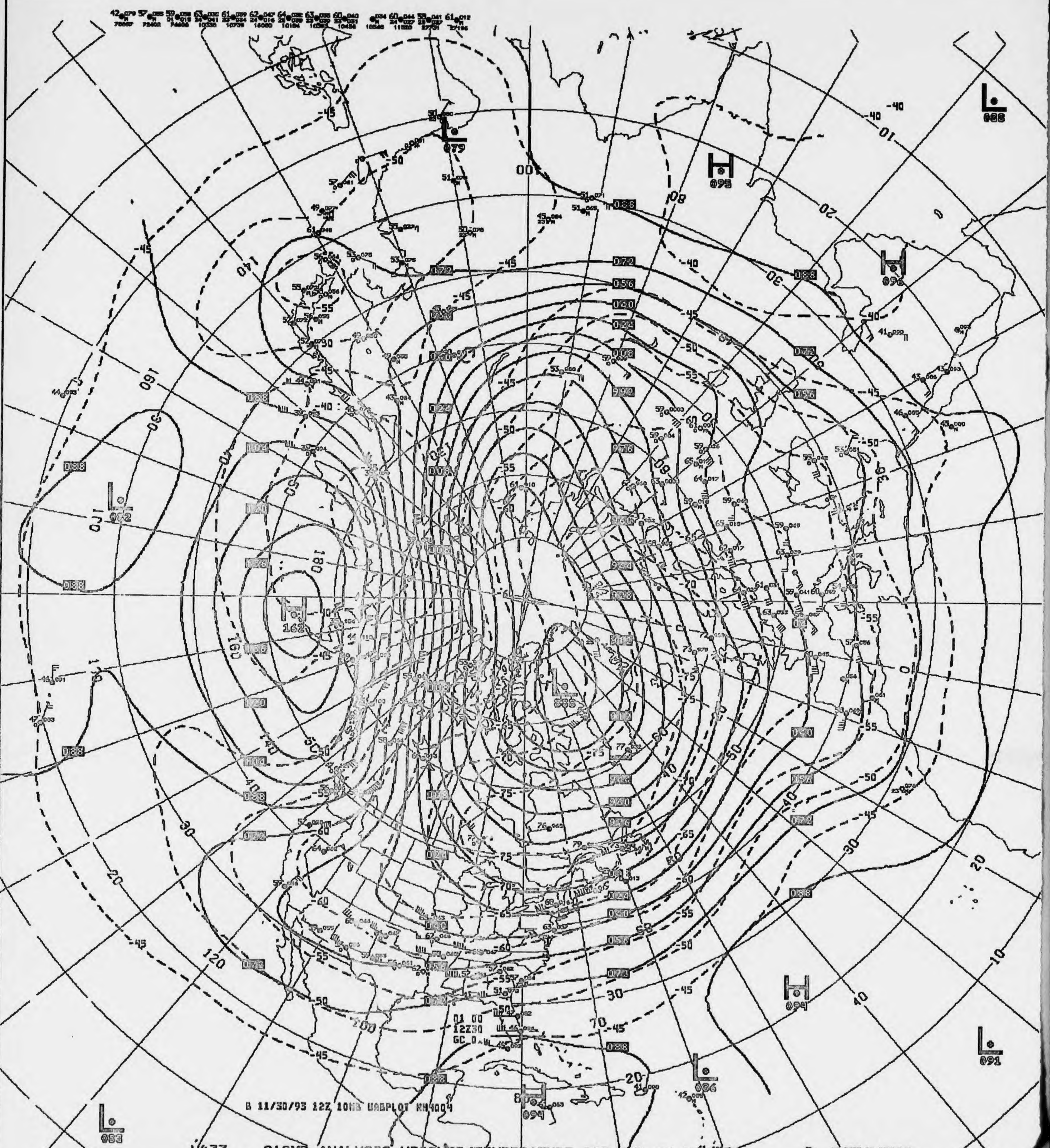
V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 29 NOV 93

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 094
L 083
088
072
056
040
024
008
992
976
960
944
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100
120
140
160
170
180

V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 30 NOV 93

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